

FIELD DATA SHEET 1

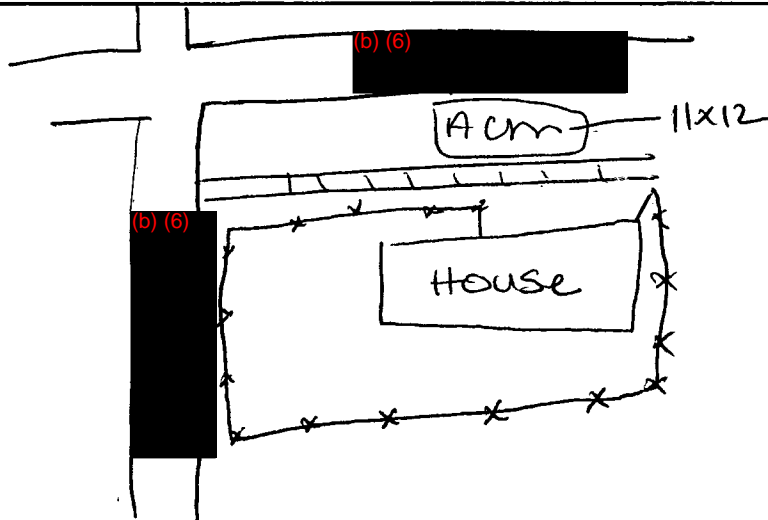
Site Information:

Occupant:	(b) (6)	Interviewee:	(b) (6)
Address:	Harvey 70058		
Phone No.:	(b) (6)		
Owner Name, Address, and Phone No. if Different Than Occupant: OWNER ABOVE			

Site Description:

1) Description of property (circle):	single home;	duplex;	business;	school;	daycare;	church;	vacant house;	vacant lot;	other
2) Problems accessing yards (circle):	locked gate;	gate;	dogs;	other	NONE -- IN SERVITUDE				
3) Underground utilities installed by owner? (circle):	no;	water;	gas;	electric;	cable TV;	septic tank;	other		
Note location on site sketch.									
4) Is any underground ACM present? (circle):	yes;	no;	don't know						
If yes, note on site sketch. How deep?									

Site Sketch:



Estimated Volume of ACM: _____

Comments:

no one home, 11-12, IN (mountain rock)
Would like gravel, like is already in the rest of the front yard, otherwise grass

Date/Time of Interview:

11/13/96 1420

Access Granted (circle):

(yes) no

Team Members:

LT/KS

004766

06-0550-510

550

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: LA 70058 Phone Number(s): (b) (6)

MORUEY

DECEASED

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11-13-96

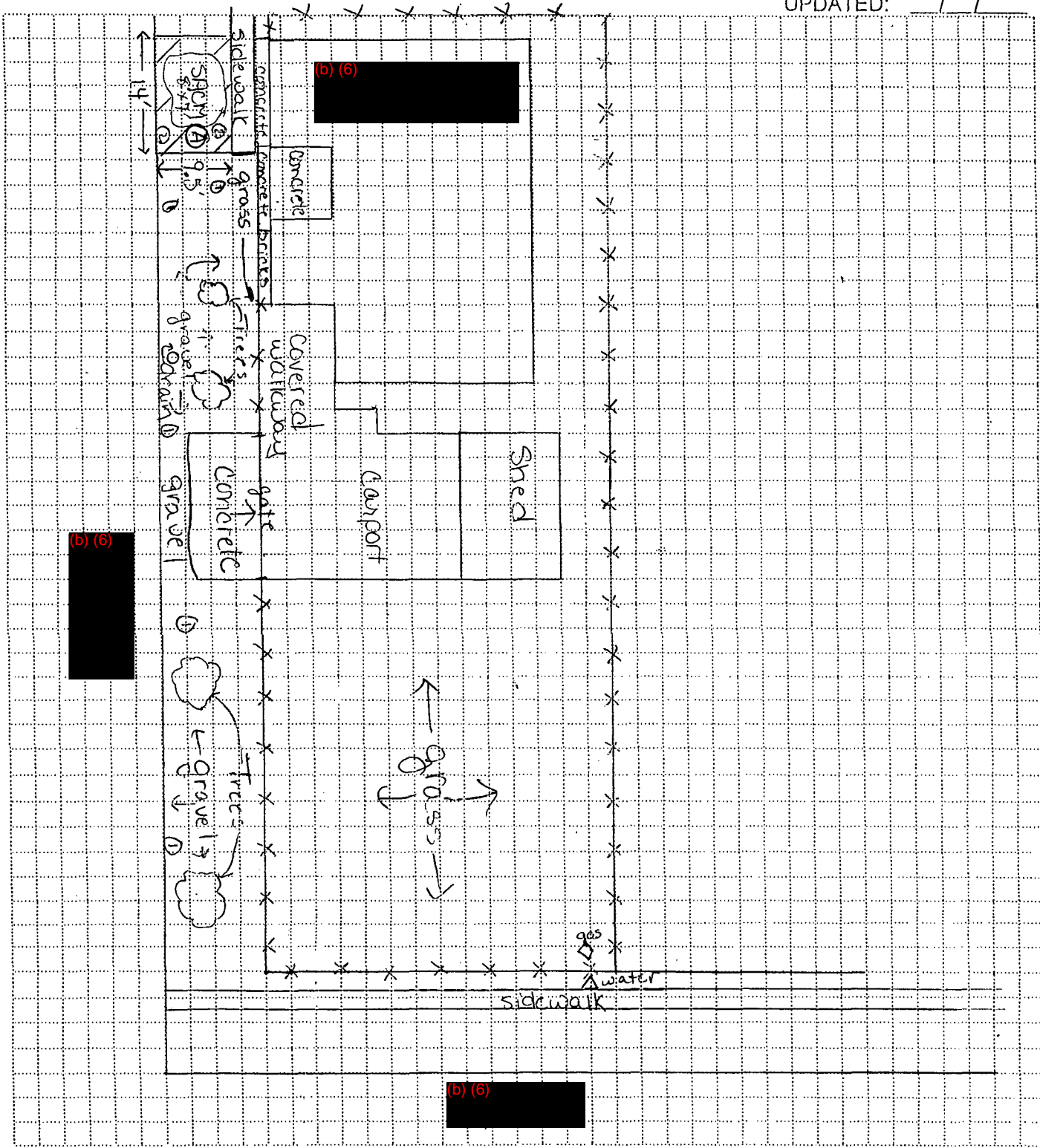
DATE

(b) (6)

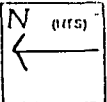
SIGNATURE

004767

06-0550-520



NOTES:



#	COVER	THICKNESS
①	1" gravel	—
②	2" gravel	+2" ACM

RESTORATION: A: limestone

B:

C:

ARRIVAL: 820

DEPARTURE: 920

004768

(b) (6)

RESTORATION APPROVED BY:

06-0550-530

TEAM: KS/PH/ALL

05/24/97

DATE: 05/22/97

70 F 75/26

DATE: 5/22/97

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 550

ADDRESS: (b) (6)
Harvey, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO ANALYTICAL REQUIRED TO RESTORE (b) (6)
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

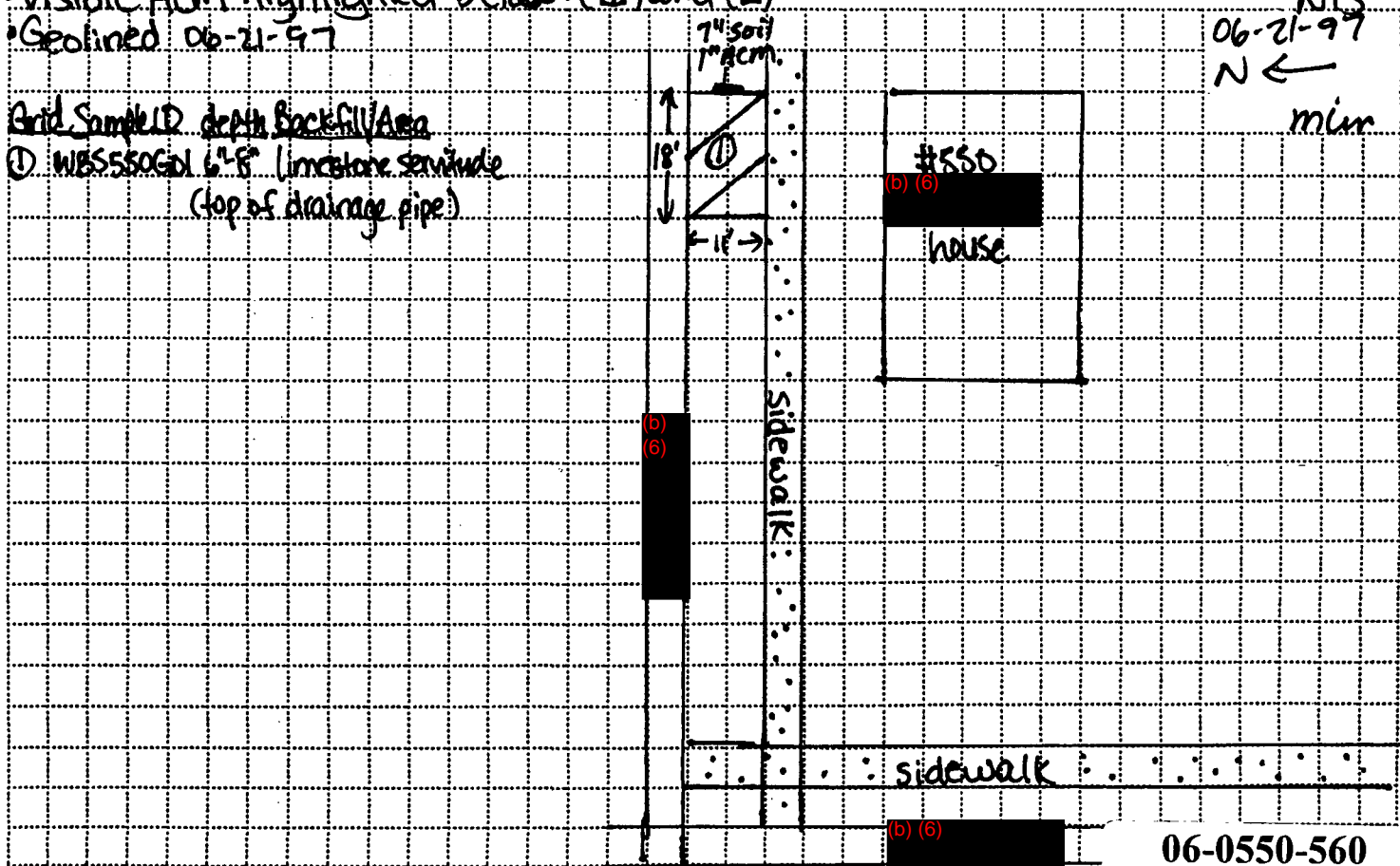
GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒

B. FURTHER ACTION NECESSARY: ☐

• Visible ACM highlighted below: (b) (6) and (b) (6)
• Geotined 06-21-97

Grid Sample ID depth Backfill/Area
① WBS550G 6" 18" limestone service
(top of drainage pipe)



AUTHORIZED EPA/START REPRESENTATIVE

Barbara A. Storey

06-21-97

Westmont, NJ 908-658-4800 Placitway, NJ 908-981-0550 Carlo Place, NY 516-997-7251 Manhattan, NY 212-290-0052 Seattle, WA 203-233-9007 Ann Arbor, MI 313-668-6810 San Mateo, CA 415-570-5401 Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487 Houston, TX 713-686-3635

Attn.: Barbara Storey
Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, June 24, 1997

Ref Number: TX972550

EMSL**POLARIZED LIGHT MICROSCOPY (PLM)**

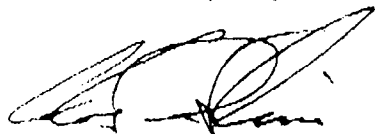
Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS253G01	(b) (6)	Tan	Teased	< 1%	Chrysotile		100% Other
		Non-Fibrous					
		Homogeneous					
WBS521G01		Tan	Teased		None Detected		100% Other
		Non-Fibrous					
		Homogeneous					
WBS521G02		Tan	Teased	2%	Chrysotile		98% Other
		Non-Fibrous		< 1%	Crocidolite		
		Homogeneous					
WBS521G03		Tan	Teased	3%	Chrysotile		97% Other
		Non-Fibrous		< 1%	Crocidolite		
		Homogeneous					
WBS550G01		Tan	Teased	2%	Chrysotile		98% Other
		Non-Fibrous					
		Homogeneous					
WBS544G01		Tan	Teased	4%	Chrysotile		96% Other
		Non-Fibrous		< 1%	Crocidolite		
		Homogeneous					

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method



Carlos D. Salinas
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Houston (NVLAP Air and Bulk #102108).

06-0550-570

004770



INTERNATIONAL
TECHNOLOGY
CORPORATION

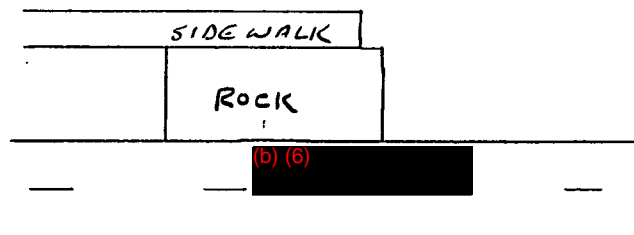


By PM Date 6-23-97 Subject RESTORATION SITE 550 Sheet No. of
Chkd. By Date Proj. No.

(b) (6)

HARVEY

(b) (6)



06-0550-590

004771

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 550

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					20. ⁰⁰		
Gravel Installation (sq.yds.)							
1" Concrete Installation (sq. yds.)							
2" Concrete Installation (sq. yds.)							
Grass and Installation (sq.yds.)							
Gravel Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					7. ⁰⁰		
Gravel (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

CLIENT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

004772

06-0550-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/6/98
SITE #: 550

ADDRESS: (b) (6)
HARVEY, LA

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

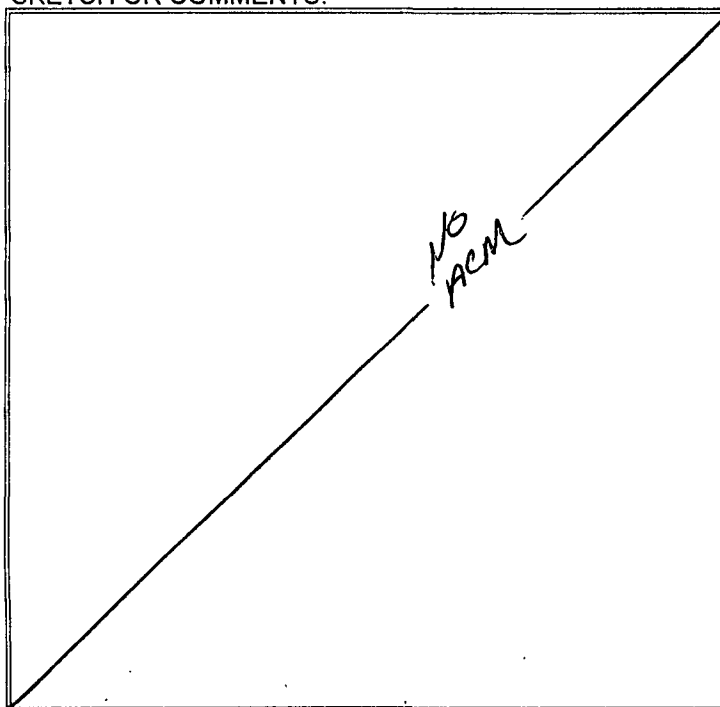
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	_____

TEAM MEMBERS:

BC/PL

004773

06-0550-540

9-17-96 site sketch, 14:15 GF/TN
11-21-96 sketch revised, 10:30 JM/AR
11/21/96 Access mailed to owner
3/8/97 NA CMA
3/18/97 Left msg at work (RW)

Tracking Number 551

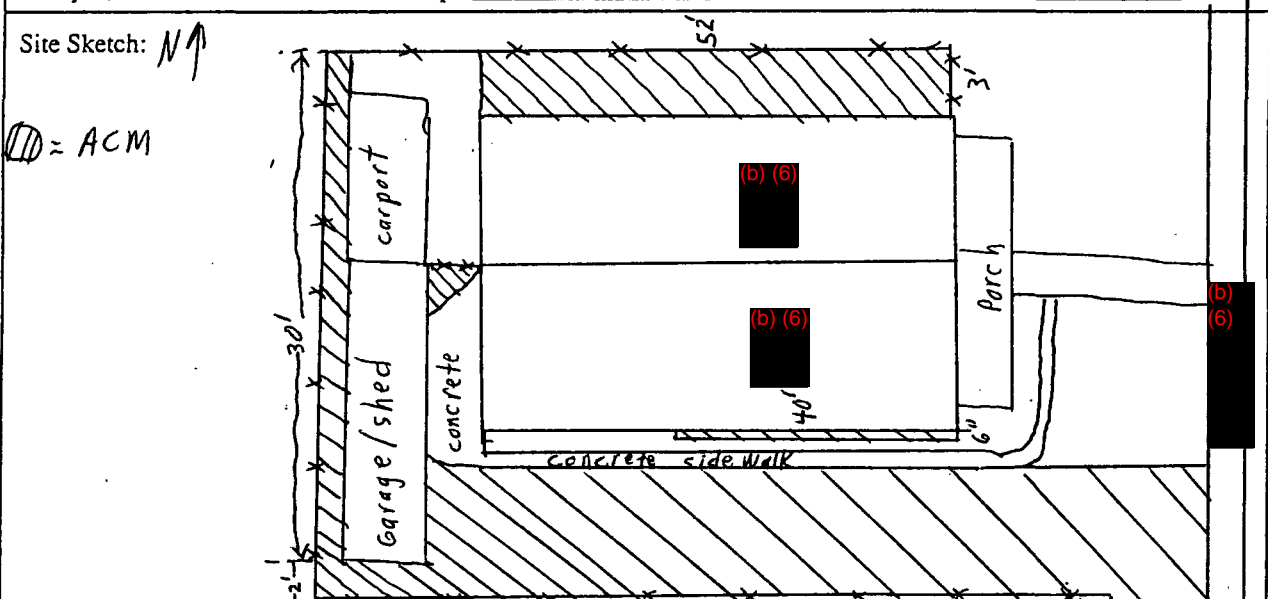
FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6), <u>Gretna</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) (Beep)	

Site Description:

1) Description of property (circle):	single home; <u>duplex</u> ; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle):	locked gate; gate; <u>dogs</u> ; other <u>dog on 700 side</u>
3) Underground utilities installed by owner? (circle):	no; water; gas; electric; cable TV; septic tank; other <u>don't know</u>
Note location on site sketch.	
4) Is any underground ACM present? (circle):	yes; no; <u>don't know</u>
If yes, note on site sketch. How deep? <u>do</u>	

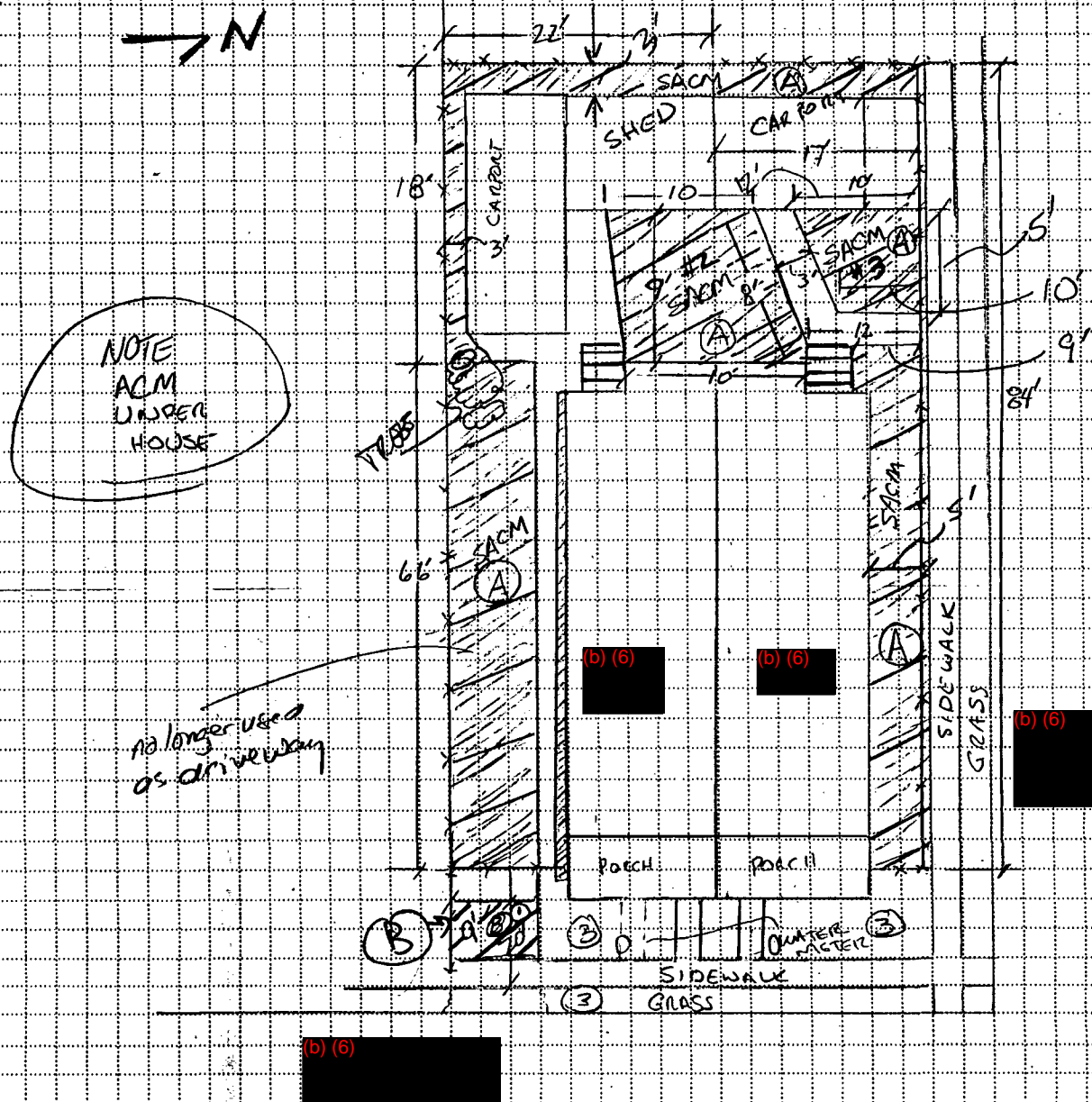


Estimated Volume of ACM:	20' x 75' x 2'
Comments: The thin ACM strips are covered with 1/2" concrete (deteriorated). ACM is exposed in many areas. 11/27/96 - Called Backfill. CONCRETE IN DRIVE + WALK - SOIL/SOD ELSEWHERE.	
Date/Time of Interview:	Access Granted (circle): yes; no
Team Members:	

004774

05-0551-510

UPDATED: 6/10/97



NOTES:

N (NTS)



all areas 90% SACM

#	COVER	THICKNESS
1	GRASS 2"	2+
2	CONCRETE	1/8" - 1/4"
3	GRASS + 6	-

RESTORATION: A: Concrete
 B: GRASS 9x20'
 C:

ARRIVAL: 1045
 DEPARTURE: 1200

05-0551-530

RESTORATION APPROVED BY: (b) (6)

(phone)

DATE: 6/18/97

TEAM: JD/MM/LK

DATE: 6/14/97

004775

TO IT 06-18-97

WESTBANK ACM REMOVAL PROJECT

SAMPLE ANALYSIS CONFIRMATION

USEPA START TEAM

FYI:

SITE# 551

ADDRESS: (b) (6)

Gretna LA 70053

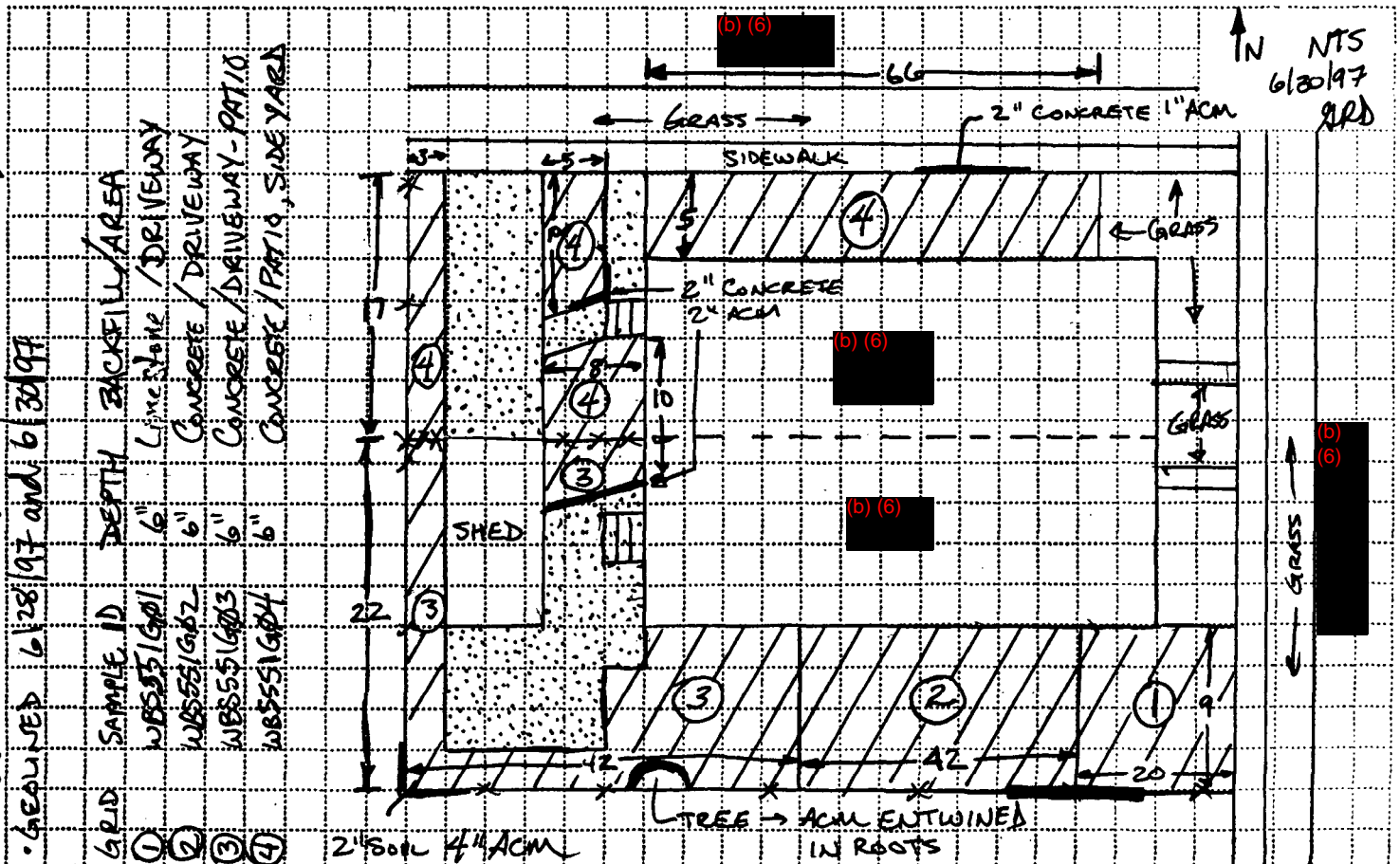
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no anal. as of 7-1-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒ ☒ ☒ ☒ ☐ ☐ ☐ ☐

B. FURTHER ACTION NECESSARY: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐



AUTHORIZED EPA/START REPRESENTATIVE

Supreme Real
004776

05-0551-560

Westmont, NJ Piscataway, NJ Carlisle Place, NY Manhattan, NY Seattle, WA Ann Arbor, MI San Mateo, CA Smyrna, GA Greensboro, NC Houston, TX
 808-858-4800 908-881-0550 516-997-725 212-290-0052 203-233-9007 313-688-6810 415-870-5401 404-333-8086 910-297-1487 713-686-3635

EMSL

Attn: Lawrence Roedl
 Ecology & Environmental
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Wednesday, July 02, 1997

Ref Number: IN97380

POLARIZED LIGHT MICROSCOPY (PLM)

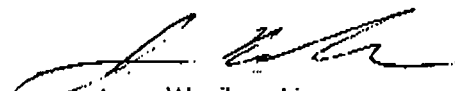
Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 - WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS1031G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	3%	Chrysotile		80% Quartz 17% Other
WBS1031G02		Brown Non-Fibrous Homogeneous	Crushed	3%	Chrysotile		80% Quartz 17% Other
WBS1031G03		Brown Non-Fibrous Homogeneous	Crushed	3%	Chrysotile 2% Crocidolite		80% Quartz 15% Other
WBS1031G04		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS1031G05		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		80% Quartz 20% Other
WBS551G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "N of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method


 Jane Wasilewski
 Analyst

Entered
 7/7/97
 gsd


 Approved
 Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

2

05-0551-570

004777

Westmont, NJ Piscataway, NJ Erie Place, NY Manhattan, NY Seattle, WA Ann Arbor, MI San Mateo, CA Smyrna, GA Greensboro, NC Houston, TX
 509-858-4800 908-981-0550 516-997-7251 212-290-0052 203-233-8007 313-688-6810 415-570-5401 404-333-6086 910-297-1487 713-888-3835

EMSL

Attn.: Lawrence Roedl
 Ecology & Environmental
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Wednesday, July 02, 1997

Ref Number: IN97380

POLARIZED LIGHT MICROSCOPY (PLM)

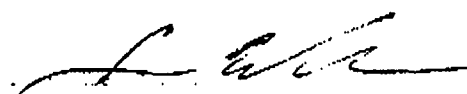
Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 - WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS551G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS551G03		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			80% Quartz 18% Other
WBS215G01		Brown Non-Fibrous Homogeneous	Crushed	3% Chrysotile 1% Crocidolite			80% Quartz 16% Other
WBS215G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS215G03		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			80% Quartz 17% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method


 Jane Wasilewski
 Analyst

Entered
#7/97
gms


 Approved
 Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either GEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

3

05-0551-570

004778

Westmont, NJ Placateway, NJ Carle Place, NY Manhattan, NY Seattle, WA Ann Arbor, MI San Mateo, CA Smyrna, GA Greensboro, NC Houston, TX
 809-858-4800 908-981-0550 516-997-7251 212-290-0052 203-233-9007 313-668-6810 415-570-5401 404-333-8086 810-297-1487 713-686-3635



Attn.: Lawrence Roedl
 Ecology & Environmental
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Wednesday, July 02, 1997

Ref Number: IN97379

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 02060 RAGI - WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS265G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Amosite			80% Quartz 18% Other
WBS265G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS265G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS215G04		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Amosite < 1% Crocidolite			80% Quartz 18% Other
WBS551G04		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Amosite < 1% Crocidolite			80% Quartz 18% Other
WBS234G01		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			80% Quartz 18% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret S. Phillips
 Margaret Phillips
 Analyst

ENTERED 7/7/97
 JRS

L. K. Phillips
 Approved
 Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative results are not guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the item analyzed. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product liability nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one: Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

05-0551-570

004779

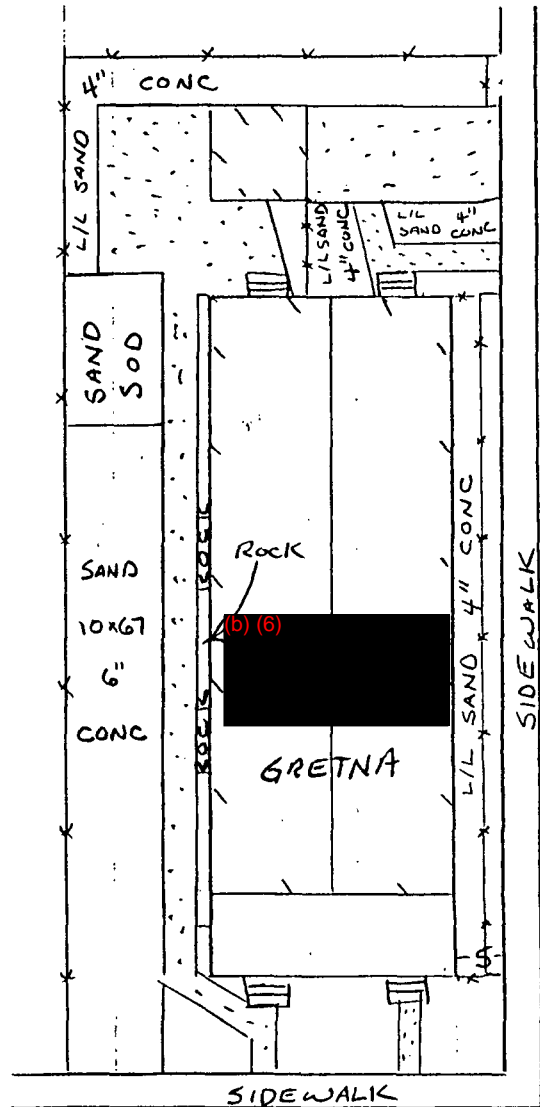


INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 7-2-97 Subject RESTORATION SITE # 551 Sheet No. of
Chkd. By Date Proj. No.

REVISED 7-30-97



05-0551-590

004780

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 551

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					7. ⁰⁰		
Gravel Installation (sq.yds.)					16. ⁵⁰		
6" Concrete Installation (sq. yds.)					74. ⁵⁰		
4" Concrete Installation (sq. yds.)					76. ⁵⁰		
Sand Installation (sq.yds.)					93. ⁰⁰		
Lower Lift Sand					76. ⁵⁰		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					1. ⁵⁰		
Sand (cu.yds.)					26. ⁰⁰		
Concrete (cu.yds.)					21. ⁰⁰		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

T REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

05-0551-590

004781

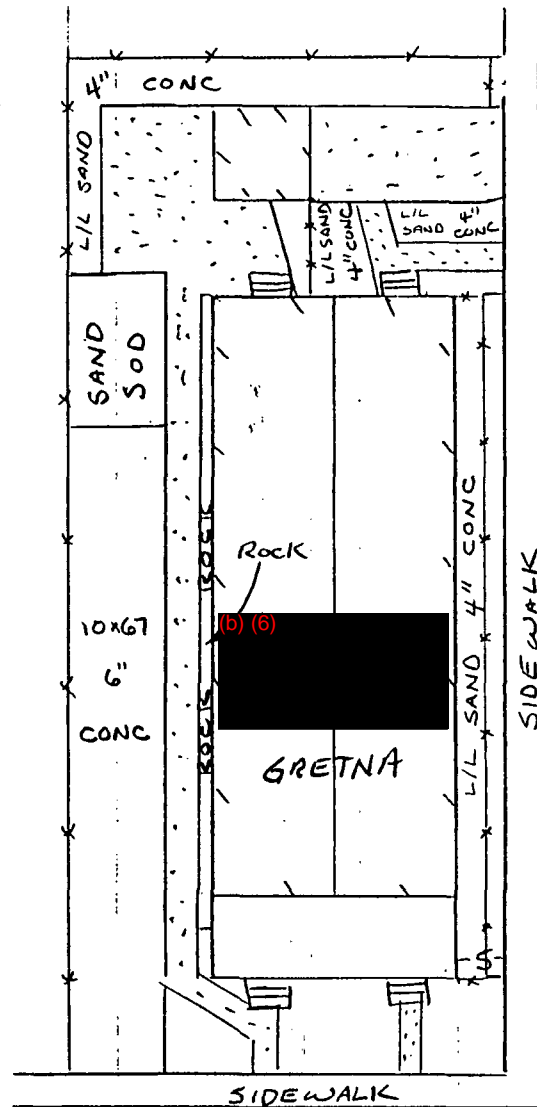


INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 7-2-97 Subject RESTORATION SITE # 551 Sheet No. of

Chkd. By Date Proj. No.



05-0551-590

004782

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 551

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					7. ⁰⁰		
Sod Installation (sq.yds.)					16. ⁵⁰		
6" Concrete Installation (sq. yds.)					74. ⁵⁰		
4" Concrete Installation (sq. yds.)					76. ⁵⁰		
Sand Installation (sq.yds.)					16. ⁵⁰		
Lower Lift Sand					76. ⁵⁰		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					1. ⁵⁰		
Sand (cu.yds.)					16. ⁰⁰		1
Concrete (cu.yds.)					21. ⁰⁰		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

05-0551-590

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

004783

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/31/98
SITE #: 551

ADDRESS: (b) (6)
Orleans

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<p><i>NO ACM</i></p> <p><i>James Allen</i></p>	<p><i>vegetation</i></p>
--	--------------------------

TEAM MEMBERS: DA/ML

05-0551-540

004784

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee:
Address: (b) (6)	GRETNA, LA (b) (6)
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant (b) (6) (b) (6) wife: (b) (6) wk: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other <u>apartment in back</u>
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>no</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:

Estimated Volume of ACM: _____

Comments: NOT HOME 10/15, 12/21/12/12/96 Left accessBack fill:

Date/Time of Interview:	Access Granted (circle) <u>yes</u> no
Team Members:	

552

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

Gretna, LA

State/Zip: Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

2/27/97

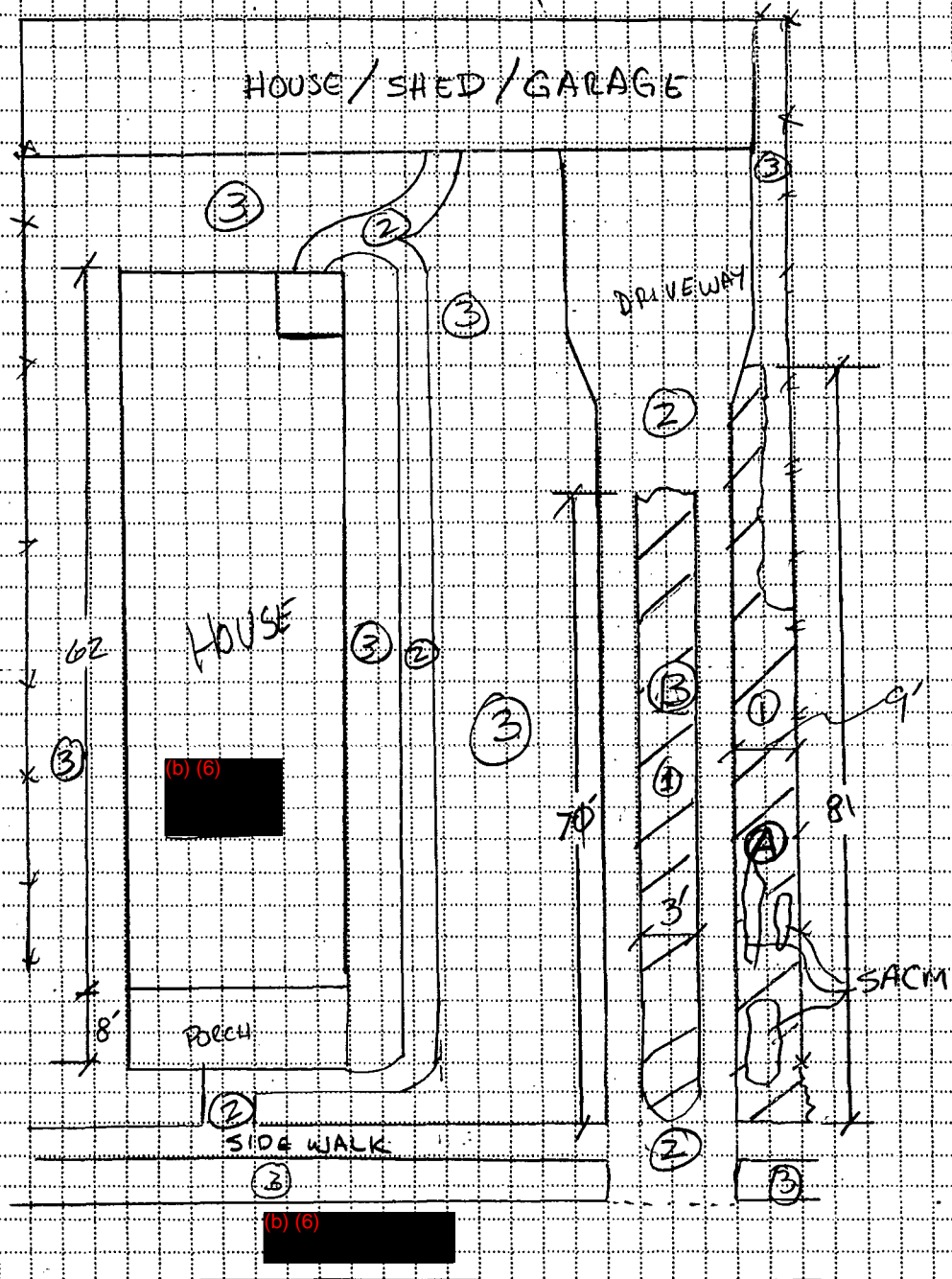
DATE

(b) (6)
SIGNATURE

004786

05-0552-520

UPDATED: 6/19/97



NOTES: 25% SACM in runners

N (PTS)
←

owner wants
to put own
concrete in

OWNER WANT CONCRETE
WILL PAY SEE FIELD
DATA SHEET

RESTORATION: A: sand (8'x9')
B: GRASS COVER (") (70'x3')
C:

ARRIVAL: 1430

DEPARTURE: 1530

RESTORATION APPROVED BY:

004787

DATE: / /

TEAM:

MM/JD/LK

DATE: 6/10/97

To ACE 6/18

OWN

#	COVER	THICKNESS
①	GRASS 2"-3"	3"
②	CONCRETE	—
③	GRASS 6+	—

05-0552-530

since we removed concrete
runners (2 @ 3x60 ft) we will
replace w/ 360ft² of concrete
plus ~ 40ft² for SACM on
side. She will hire her own
contractor to pour remainder
of driveway. tw 8/7/97 15m

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 552

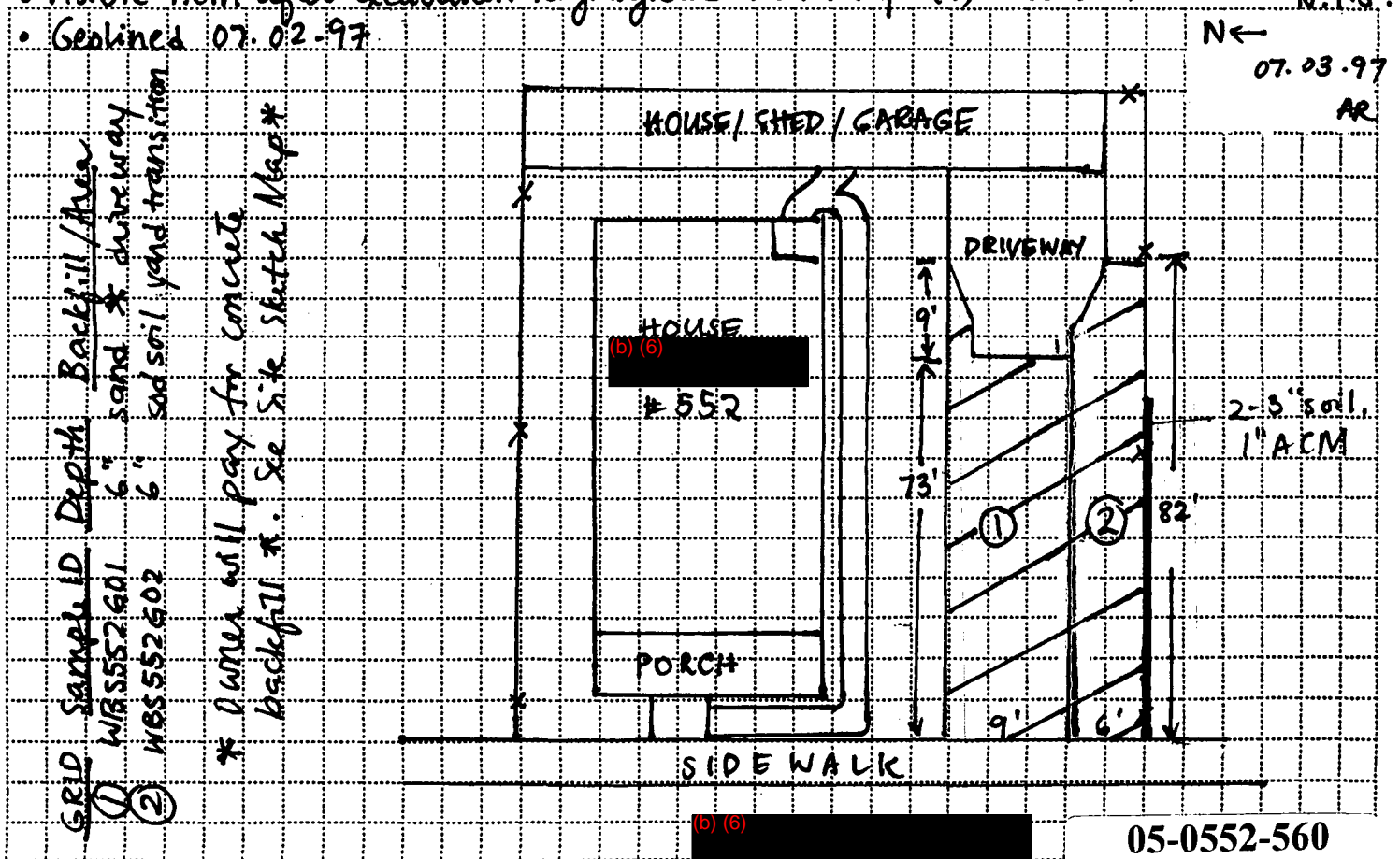
ADDRESS: (b) (6)
Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 07/12/97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #:	1	2	3	4	5	6	7	8
A. PROCEED WITH RESTORATION:	✓	✓	—	—	—	—	—	—
B. FURTHER ACTION NECESSARY:	—	—	—	—	—	—	—	—

- Visible ACM after excavation highlighted below by: (1) and (2)
- Geolined 07.02.97



AUTHORIZED EPA/START REPRESENTATIVE

004788

Gregory R. Day for John Martin

Westmont, NJ 609-858-4800 Pleasantway, NJ 908-981-0550 Garle Plaza, NY 516-897-7281 Manhattan, NY 212-290-0082 Seattle, WA 206-233-9007 Ann Arbor, MI 313-866-6810 San Mateo, CA 415-870-6401 Smyrna, GA 404-333-6058 Greensboro, NC 910-297-1487 Houston, TX 713-686-3635

EMSL

Attn.: Lawrence Roedl
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Monday, July 07, 1997

Ref Number: IN97408

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS 020601RAG1

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS398G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS398G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS662G02		Brown Non-Fibrous Homogeneous	Crushed	2%	Chrysotile < 1% Crocidolite		80% Quartz 18% Other
WBS662G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		80% Quartz 20% Other
WBS662G05A		Brown Non-Fibrous Homogeneous	Crushed	2%	Chrysotile < 1% Crocidolite		80% Quartz 18% Other
WBS221G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "N of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Vasilewski
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL at Indianapolis (NVLAP Air and Bulk #200188-0).

05-0552-570

004789

Westmont, NJ 609-858-4800 Placetown, NJ 609-981-0550 Carle Place, NY 516-897-7251 Manhattan, NY 212-290-0052 Seattle, WA 203-233-8007 Ann Arbor, MI 313-868-6810 San Mateo, CA 415-570-5401 Smyrna, GA 404-333-6068 Greensboro, NC 810-297-1487 Houston, TX 713-688-3635



Attn.: Lawrence Roedel
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Monday, July 07, 1997

Ref Number: IN97408

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS 020601RAG1

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS395G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS395G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS552G02		Brown Non-Fibrous Homogeneous	Crushed	2%	Chrysotile < 1% Crocidolite		80% Quartz 18% Other
WBS552G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		80% Quartz 20% Other
WBS502G05A		Brown Non-Fibrous Homogeneous	Crushed	2%	Chrysotile < 1% Crocidolite		80% Quartz 18% Other
WBS221G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski
Analyst

Entered
7/8/97
GRB

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. This above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

05-0552-570

004790



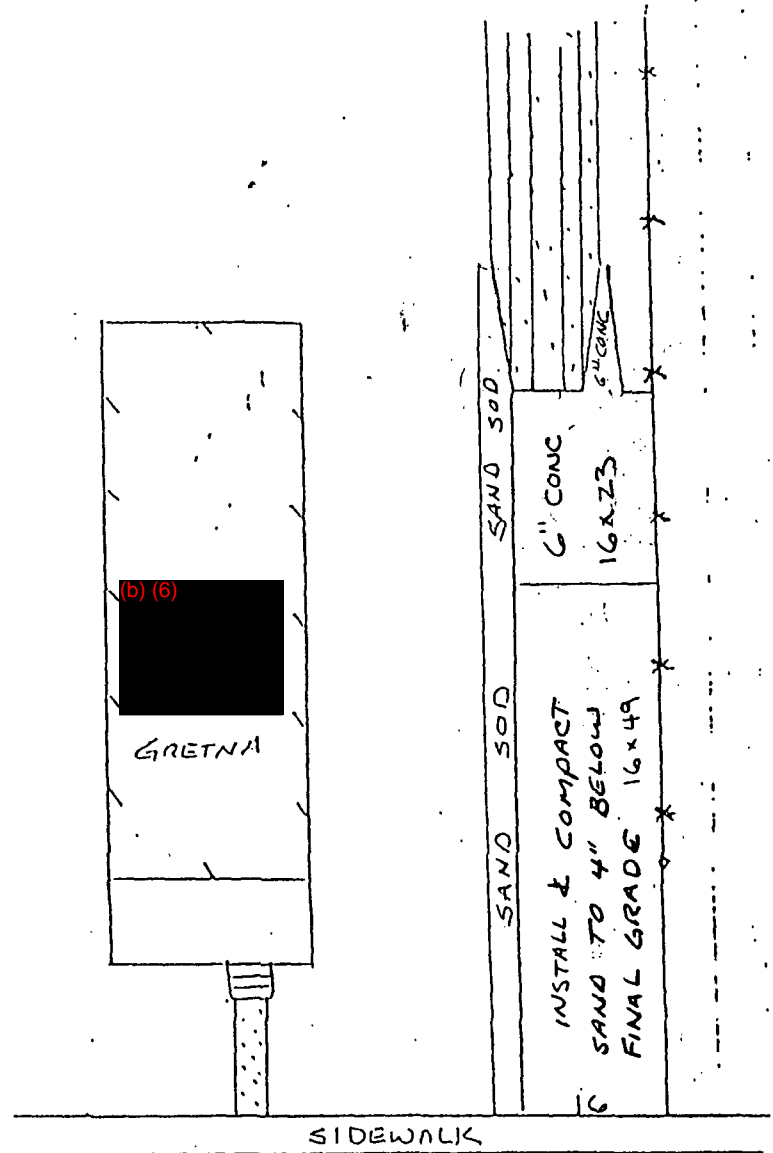
INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 7-7-97 Subject RESTORATION site # 552 Sheet No. _____ of _____

Chkd. By _____ Date _____ Proj. No. _____

REVISED AGAIN 8-12-97



05-0552-590

004791

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 552

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					19.00		
6" Concrete Installation (sq. yds.)					44.50		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					102.50		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					14.00		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoll (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

05-0552-590

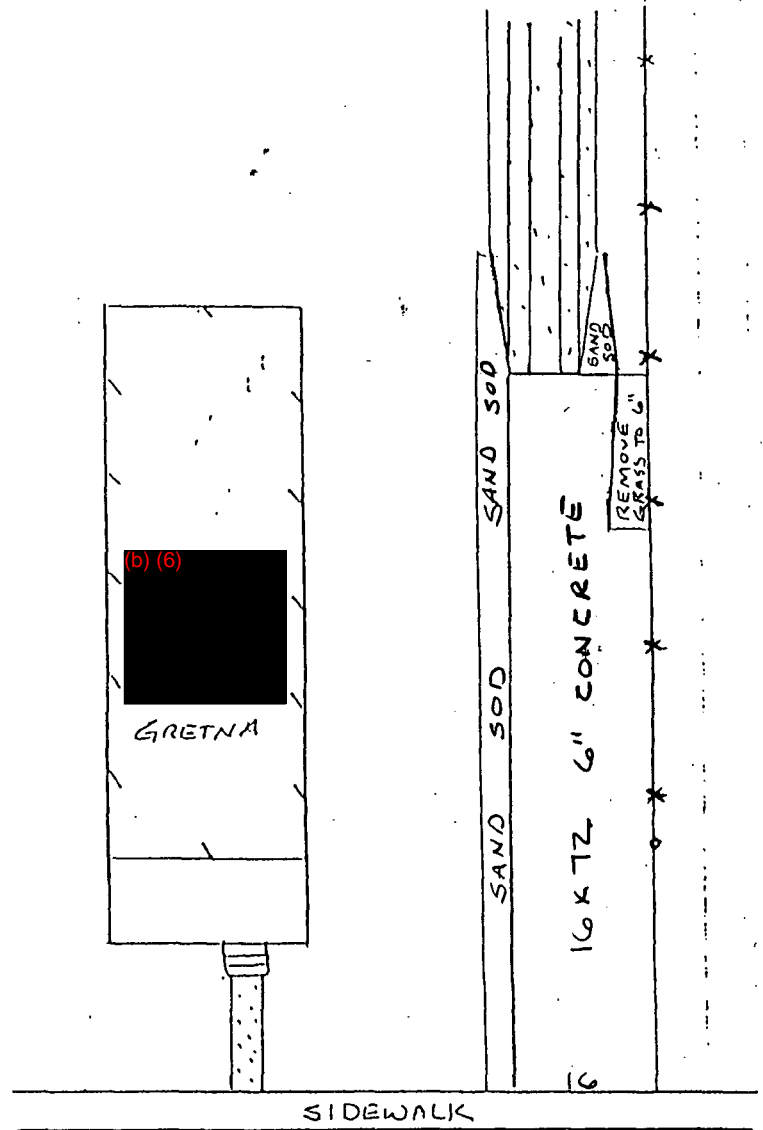
004792



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 7-7-97 Subject RESTORATION site # 552 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



05-0552-590

004793

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 552

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Concrete Installation (sq.yds.)					22. ⁵⁰		
Concrete Installation (sq. yds.)					63. ⁵⁰		
Concrete Installation (sq. yds.)							
Concrete Installation (sq.yds.)					22. ⁵⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					6. ⁰⁰		
Concrete (cu.yds.)					21. ⁵⁰		
Asphaltic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: PROPERTY OWNER TO PAY NOLA CONSTRUCTION # 2000.⁰⁰
FOR INSTALLATION OF 66.⁵⁰ SQUARE YARDS OF CONCRETE.

05-0552-590

REPRESENTATIVE SIGNATURE

UB 1 SIGNATURE

004794

UB 2 SIGNATURE

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 2	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		<input checked="" type="radio"/> ORIGINAL <input type="radio"/> REVISED <input type="radio"/> CANCELED	
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas		State: TX	Zip: 75202
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell		State: LA	Zip: 70456
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:		State:	Zip:
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE)		<input checked="" type="radio"/> Demo <input type="radio"/> Ordered Demo <input type="radio"/> Renovation <input type="radio"/> Emergency Reno	
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		<input checked="" type="radio"/> YES <input type="radio"/> NO	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 610685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#552)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:		RACM to be Removed Nonfriable Asbestos Material Not to be Removed Indicate Unit Measurement Below	
1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed			
		Cat I	Cat II
		UNIT	
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 13
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/1/96 Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/1/96 Complete: 12/21/96	

004795

05-0552-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:

Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors [#] Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane [#] 685 Bridge City Avenue

City: Slidell [#] Bridge City State: LA Zip: 70458 [#] 70094 Telephone #: (504) 646-0039
#3(504) 436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504) 436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III.Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John C. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John C. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S. 40:1574 A & B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

004796

05-0552-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/31/98
SITE #: 552

ADDRESS: (b) (6)
Grotna

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

24'

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<p><i>NO ACM</i></p> <p><i>[Signature]</i></p>	

TEAM MEMBERS: DA/ML

004797

05-0552-540

Site 552
1540 hrs 2/19/97

(b) (6)



- spoke to (b) (6) -
wants concrete curb
removed, want get City permit

Troy

05-0552-600

004798

SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 553

ADDRESS: (b) (6)

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no analytical of 11/11/98

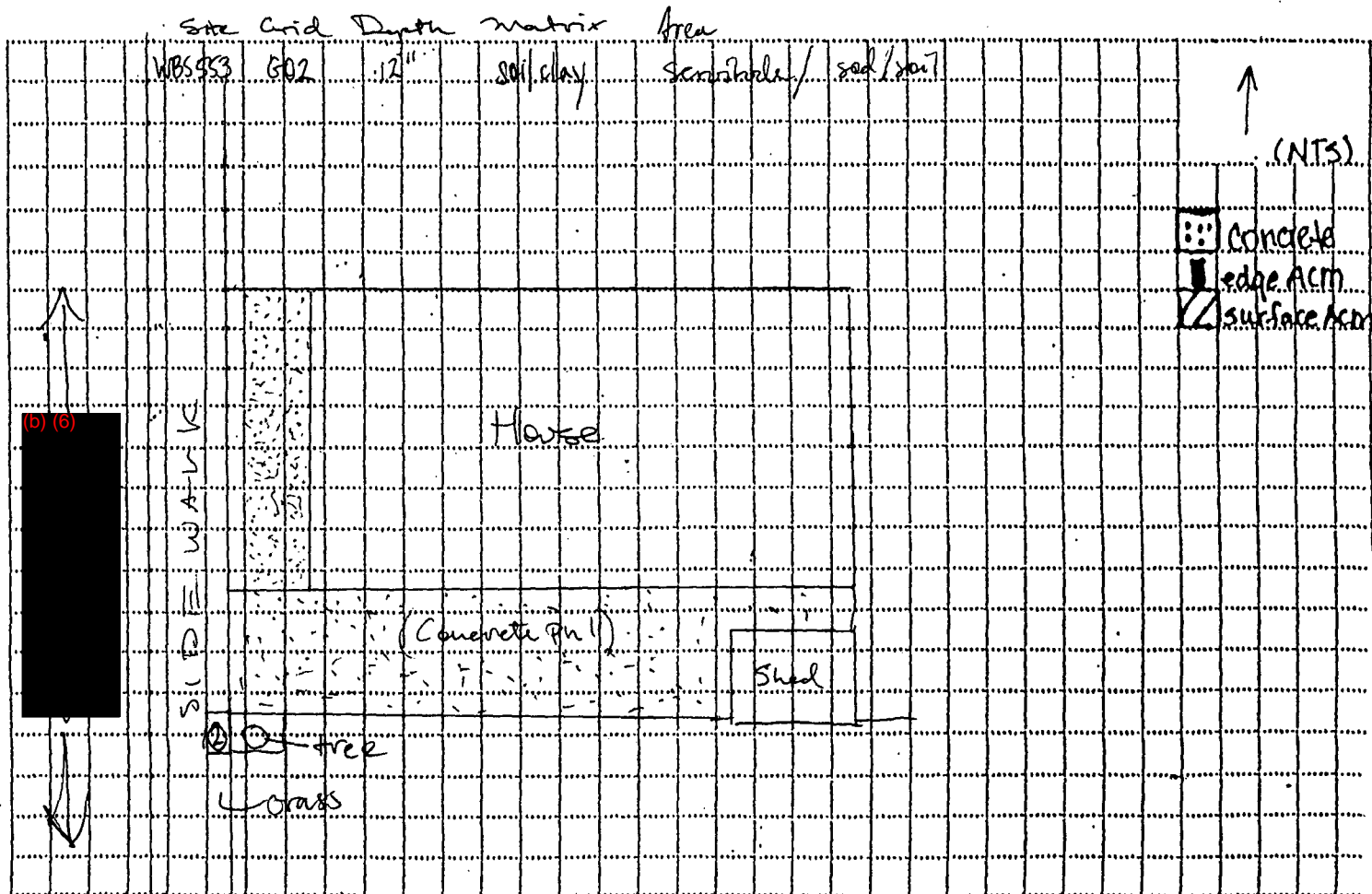
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ✓

B. FURTHER ACTION NECESSARY: _____

gaslineal = 11/11/98



AUTHORIZED EPA/START REPRESENTATIVE

004799

Paul J. Jaganer 11/11/98

05-0553-560

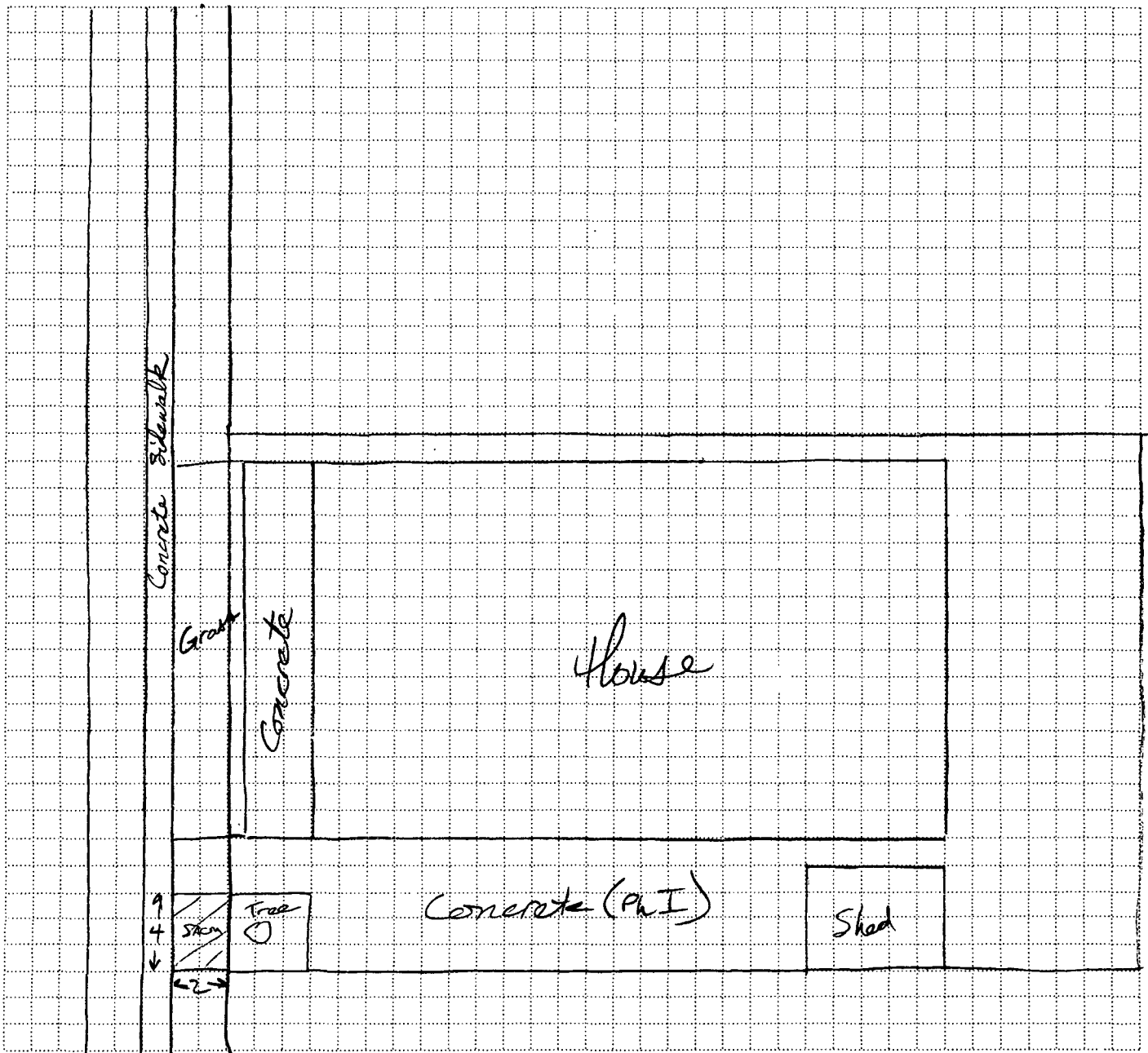
TRACKING # 553

SITE SKETCH

ADDRESS: (b) (6)

PH II

UPDATED: 1/1



NOTES: Owner concerned about water flowing under his house off of concrete pad.
N (NTS)
↑

RESTORATION: A: Grass
B:
C:

ARRIVAL: 1245
DEPARTURE: 1300

#	COVER	THICKNESS

RESTORATION
APPROVED BY: OSCIACE DLW **DATE:** 10/28/98 **OWNER:** (b) (6) **DATE:** 10/27/98
TEAM: GD/RL **DATE:** 10/27/98 **TO IT DATE:** 1/1
004800 **05-0553-530**

10/24/96 called (b) (6) daughter (b) (6) to call back. Luke is an old man

Tracking Number 553

FIELD DATA SHEET 1

Site Information:

Occupant: <u>same</u>	Interviewee:
Address: (b) (6)	<u>GREYNA, LA.</u>
Phone No.: (b) (6)	(b) (6) <u>work</u>
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>front fence</u> resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other <u>water meter - for neighbors house</u> Note location on site sketch.
4) Is any underground ACM present? (circle): yes; <u>no</u> ; don't know If yes, note on site sketch. How deep?

Site Sketch:

— w — = water line 7 N

(b) (6)

(b) (6)

tree

ACM

ACM

Shed

Estimated Volume of ACM: _____	
Comments: <u>these tree in front. can take out tree but put it back.</u> <u>Limestone (No grass)</u>	
Date/Time of Interview:	Access Granted (circle): <u>yes</u> ; no
Team Members: <u>Maggie Lin</u>	05-0553-510

004801

CONSENT FOR ACCESS TO PROPERTY

WESTRANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: 70053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

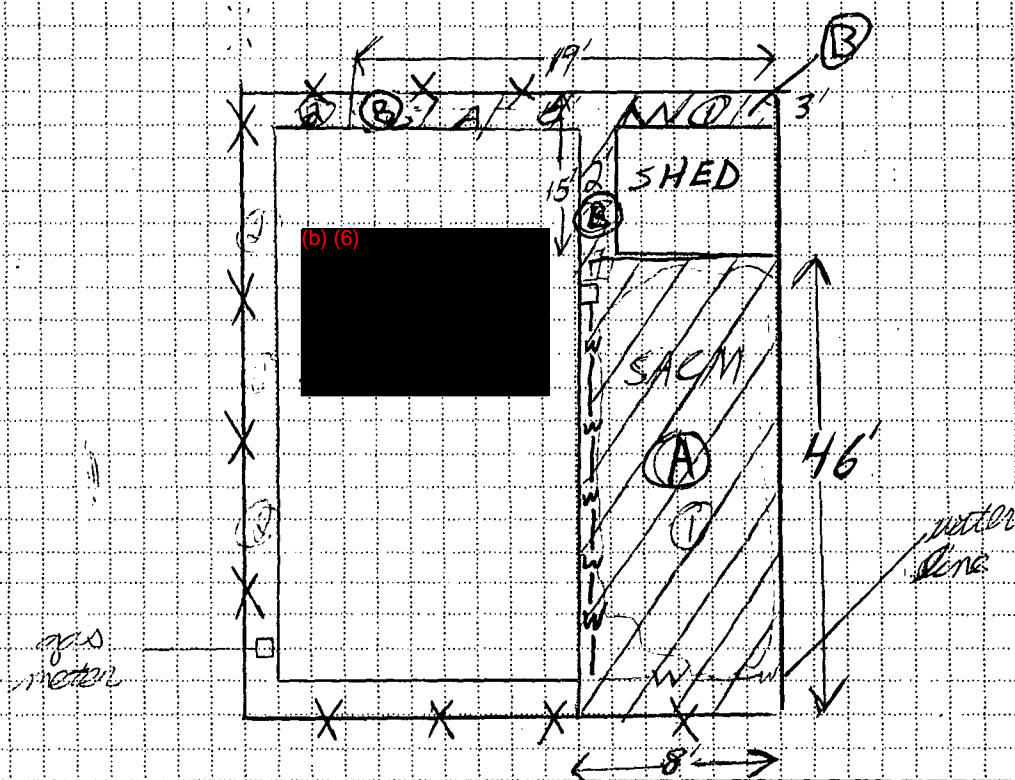
9-12-96

DATE

SIGNATURE

05-0553-520

004802



NOTES:

N (HFS)

ACM is $\approx 6"$ above the
street.
5 ACM $\approx 95\%$

RESTORATION:

(A) concrete (46' x 8')
 (B) Limestone
 (C) ~~Q~~

ARRIVAL:

DEPARTURE:

RESTORATION APPROVED BY:

(b) (6)

TEAM:

DA/TP

DATE:

6, 14, 97

(phone)

DATE: 6/25/97

2017 0/25

CONF 6/18/97

004803

05-0553-530

Barbara A. Storey
004804

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Larry Roedl
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Friday, July 18, 1997

Ref Number: IN97520

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS405G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS405G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS405G03		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS405G04		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS584G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS553G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "N of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips
Margaret Phillips
Analyst

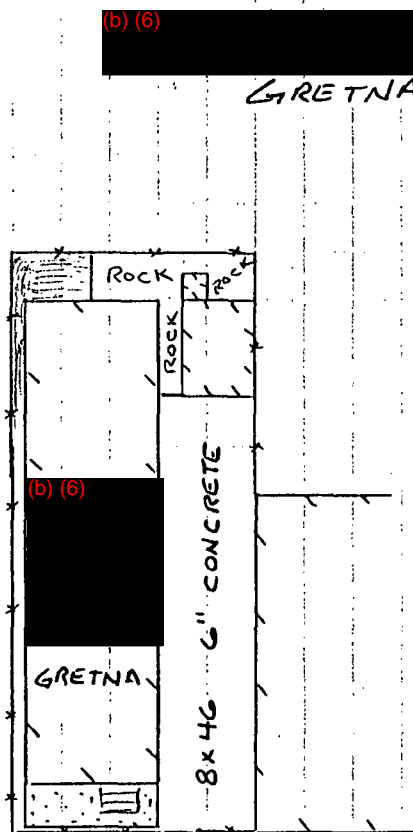
[Signature]
Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200189-01).

05-0553-570

004805

By PM Date 7-17-97 Subject RESTORATION SITE # 553 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 553

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					11.50		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)					41.00		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					3.00		
Sand (cu.yds.)							
Concrete (cu.yds.)					7.00		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

004807

05-0553-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM
FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL	REVISED CANCELED
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.	La. Contractor's License #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane			
City: Slidell	State: LA	Zip: 70456	
Contact: Gerald Avery	Telephone: 504-646-0039		
OTHER OPERATOR:	DEQ Project Designer #:		
Address:			
City:	State:	Zip:	
Contact:	Telephone:		
III. TYPE OF OPERATION (CIRCLE ONE)		Demo	Ordered Demo Renovation Emergency Reno
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		YES	NO
Inspector's Name: Debra Bendily (LDEQ)		Inspection Date: Jan. - Apr. 1996	
Inspector's Accreditation #: 610685			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#553)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I	Cat II
Pipes			
Surface Area			
Vol RACM off Facility Component			
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)	Start: 11/7/96	Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)	Start: 11/7/96	Complete: 12/21/96	

004808

05-0553-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors ^{or} Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane ^{or} 685 Bridge City Avenue

City: Slidell ^{or} Bridge City State: LA Zip: 70458 ^{or} 70094 Telephone #: (504)646-0039
#3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III.Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John E. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John E. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82435 MOBILE LOU 70884-2135 TELEPHONE# (504) 765-0895

05-0553-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 10/27/98
SITE #: 553

ADDRESS: (b) (6)

ACM LOCATED BENEATH:

☒ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

12"

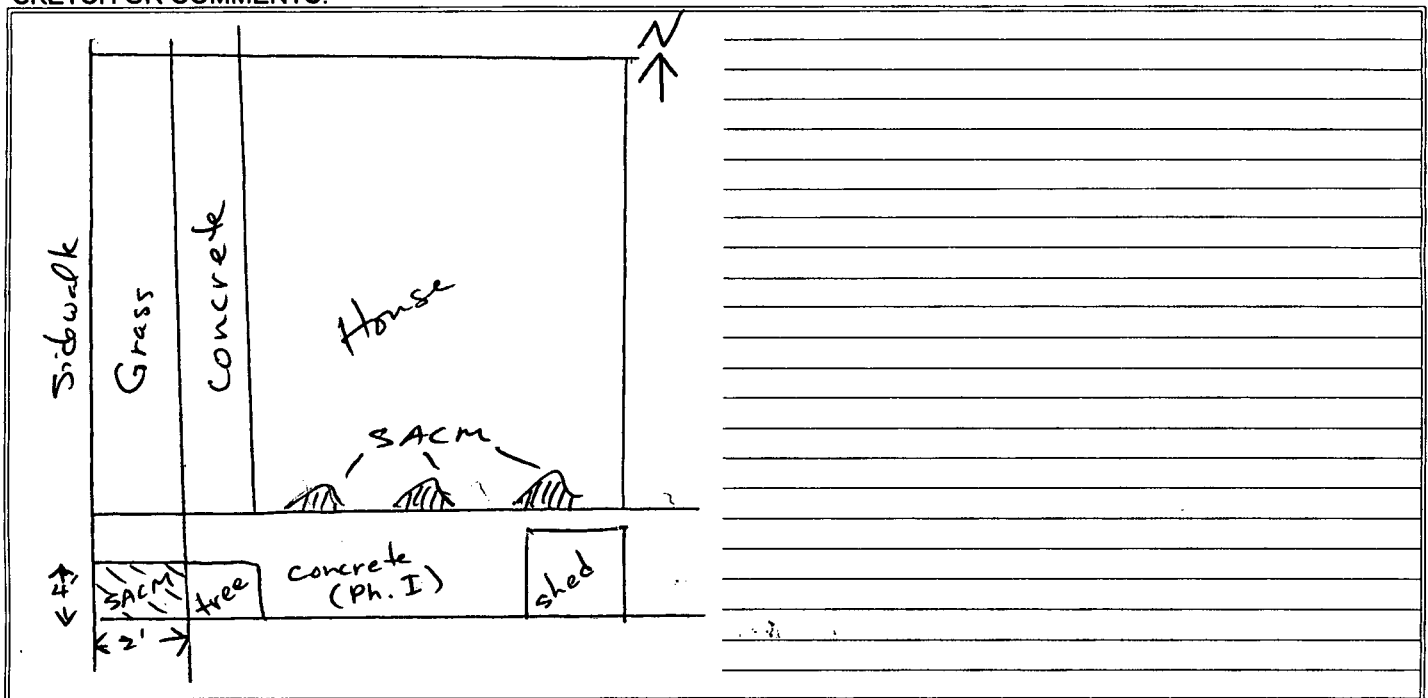
DESCRIPTION OF ACM:

☒ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

5%

SKETCH OR COMMENTS:



TEAM MEMBERS:

GD, RL

004810

05-0553-540

EMSL Analytical, Inc

2501 Central Pkwy, C-13

Houston, TX 77092

Phone (713) 686-3635 Fax: (713) 686-3645

EMSL

Attn.: Amanda Loone
Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Thursday, November 19, 1998

Ref Number: TX985390

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS (020601)

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS2020-G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS553-G02	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS1922-G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS1921-G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS1909-G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS1909-G01 G02	(b) (6)	Brown Non-Fibrous Homogeneous	Teased		None Detected		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Carlos D. Salinas
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102100, Texas Dept. of Health #30-0138)

004811

FIELD DATA SHEET 1

NVA

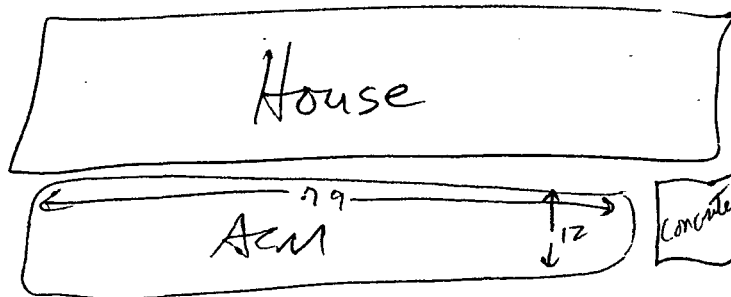
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6), GREYNA, LA.	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) Asbestos is paved over. No removal needed!	

Site Description:

1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____	
Comments: NO Removal Needed	
Date/Time of Interview: 10:20 10/16	Access Granted (circle): yes no
Team Members: KS/TC	

05-0554-510

004812

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98
SITE #: 554

ADDRESS: (b) (6)
Gretna /

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<div>No ACM</div>	<div>No Crawl Space</div>

TEAM MEMBERS: MTL / PLL

05-0554-540

004813

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-13-98

ADDRESS: (b) (6)

SITE #: 0555

Gretna

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

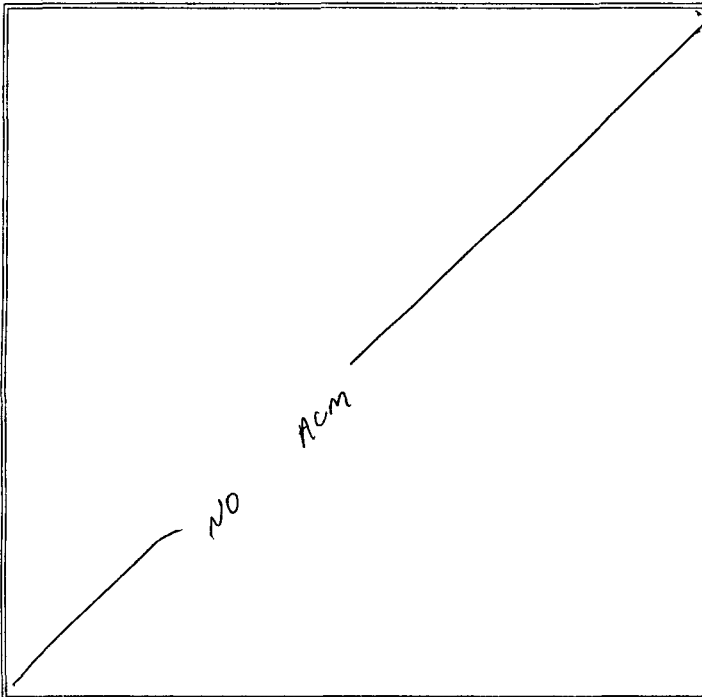
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	_____

TEAM MEMBERS: KS/JS

05-0555-540

004814

Revised 12/10/96

Tracking Number 555

FIELD DATA SHEET 1

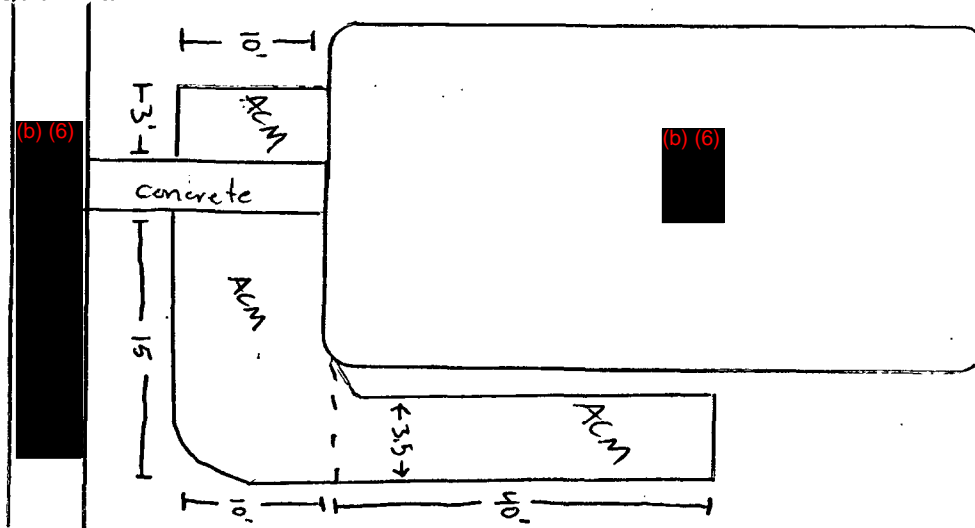
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6), GRENA.	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) owns both houses on property	

Site Description:

1) Description of property (circle): <u>single home;</u> duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>no</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no;</u> water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: Soil + SOD

Date/Time of Interview: 10/15/96

1525

Access Granted (circle): yes; no

Team Members: ML

004815

05-0555-510

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee:
Address: (b) (6)	GREYNA, LA.
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) owns both houses on property	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>no</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:

(b) (6)

Concrete House

ACM

Concrete

Estimated Volume of ACM: _____	
Comments: Dirt & grass as per phone call to (b) (6)	
Date/Time of Interview: 10/15/96 1525	Access Granted (circle): <u>yes</u> ; no
Team Members: Maggie dim	05-0555-510

004816

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6) GRETNA, LA.
State/Zip: 70053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

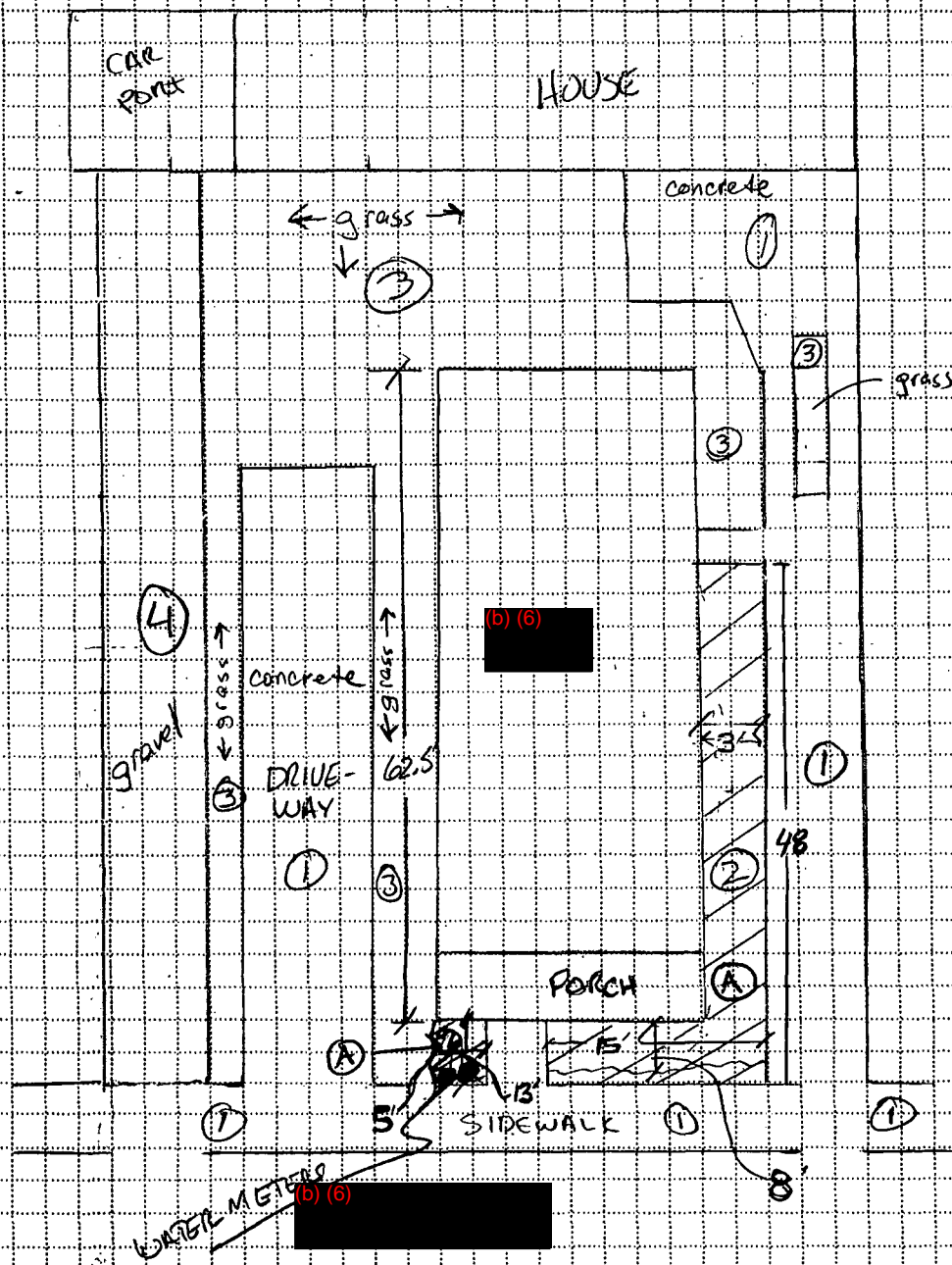
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 *et seq.* Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

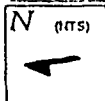
9-12-96
DATE

(b) (6)
SIGNATURE

UPDATED: 6/10/97



NOTES:



OWNER REQUEST GRASS
call to verify

RESTORATION: A: sand + seed

B:

C:

ARRIVAL: 1634

DEPARTURE: 1715

#	COVER	THICKNESS
①	CONCRETE 3"	—
②	GRASS/MOSS	3"
③	GRASS 6+	—
④	GRAVEL 3"	—

RESTORATION APPROVED BY: phone (b) (6)

DATE: 6/18/97

TEAM:

MM/JD/

JM
6/12/97

DATE: 6/10/97

004818

05-0555-530

004819

Westmont, NJ Piscataway, NJ Erie Place, NY Manhattan, NY Seattle, WA Ann Arbor, MI San Mateo, CA Smyrna, GA Greensboro, NC Houston, TX
 608-858-4800 908-881-0850 516-897-7231 212-290-0052 203-233-9007 313-888-4810 415-870-5401 404-333-6086 910-297-1487 713-886-3636

EMSL

Attn.: Lawrence Roedi
 Ecology & Environmental
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Monday, July 07, 1997

Ref Number: IN97408

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 800/R-93/116 Method*

Project: WESTBANK ASBESTOS 020601RAG1

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WB8556G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WB8540G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WB8540G02		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			80% Quartz 18% Other
WB8540G03		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			80% Quartz 18% Other
WB8427G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected			80% Quartz 20% Other
WB8427G02		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			80% Quartz 18% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "N of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret J. Phillips
 Margaret Phillips
 Analyst

[Signature]
 Approved
 Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200168-0).

2

05-0555-570

004820

Westmont, NJ 609-858-4800 Piscataway, NJ 908-981-0550 Carle Place, NY 516-997-7251 Manhattan, NY 212-290-0052 Seattle, WA 203-233-9007 Ann Arbor, MI 313-688-6810 San Mateo, CA 415-570-5401 Smyrna, GA 404-333-6066 Greensboro, NC 910-297-1487 Houston, TX 713-686-3835

EMSL

Attn.: Lawrence Roedl
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Monday, July 07, 1997

Ref Number: IN97408

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS 020601RAG1

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS555G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS540G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS540G02		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			80% Quartz 18% Other
WBS540G03		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			80% Quartz 18% Other
WBS427G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected			80% Quartz 20% Other
WBS427G02		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			80% Quartz 18% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret J. Phillips
Margaret Phillips
Analyst

Entered
7/8/97
JRS

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

2

05-0555-570

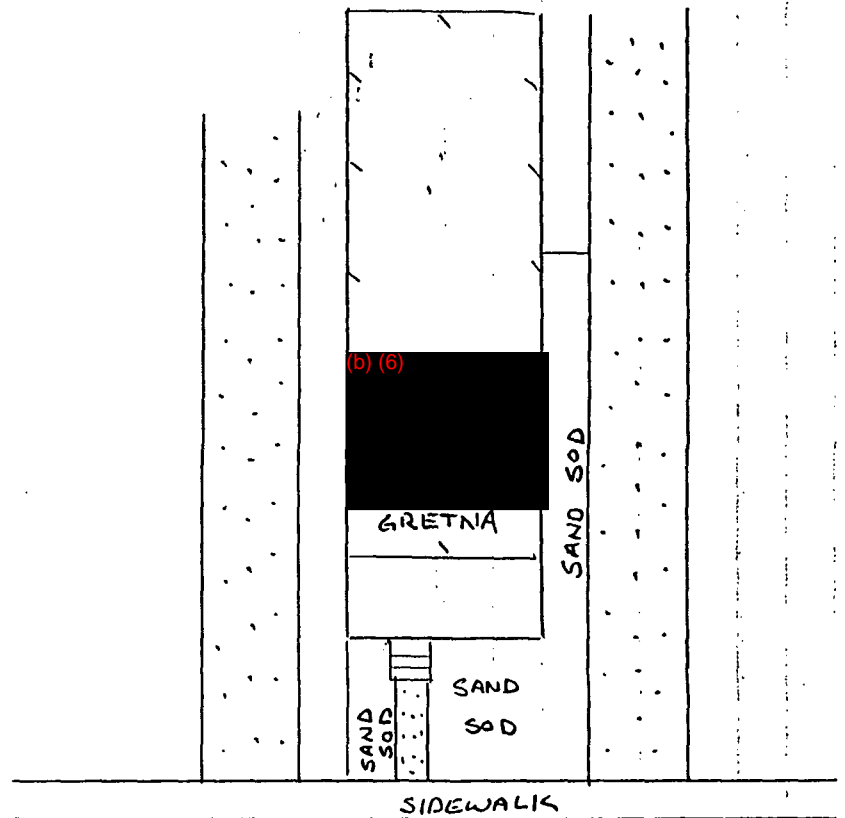
004821



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 7-7-97 Subject RESTORATION SITE # 555 Sheet No. of
Chkd. By Date Proj. No.



004822

05-0555-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 555

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					46. ⁵⁰		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					46. ⁵⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					10. ⁰⁰		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

004823

05-0555-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested	1	Parish #	1340	Source #		ADVF #	
I. TYPE OF NOTIFICATION		(CIRCLE ONE)	<u>ORIGINAL</u>	REVISED	CANCELED		
II. FACILITY INFORMATION				Contact: John Martin			
OWNER NAME: U.S. EPA Region 6				Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave							
City: Dallas				State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.				La. Contractor's License #: 26445		DEQ ID #: 7S00008	
Address: 113 Ondine Lane							
City: Slidell				State: LA		Zip: 70456	
Contact: Gerald Avery				Telephone: 504-646-0039			
OTHER OPERATOR:				DEQ Project Designer #:			
Address:							
City:				State:		Zip:	
Contact:				Telephone:			
III. TYPE OF OPERATION		(CIRCLE ONE)	<u>Demo</u>	Ordered Demo	Renovation	Emergency Reno	
IV. IS ASBESTOS PRESENT?		(CIRCLE ONE)	<u>YES</u>	NO	Inspection Date: Jan. - Apr. 1996		
Inspector's Name: Debra Bendily (LDEQ)				Inspector's Accreditation #: 6I0685			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)							
Building/Component Name: Home (#555)				Fire Marshall Project #:			
Street Address: (b) (6)							
City: Gretna		State: LA		Zip: 70053		Parish: Jefferson	
Site Location: On side of house				Telephone: NA			
Building Size: NA		# of Floors: NA		Age in Years: NA			
Present Use: NA				Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116							
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:		RACM to be Removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
<input checked="" type="checkbox"/> 1. Regulated ACM to be removed <input type="checkbox"/> 2. Category I ACM not removed <input type="checkbox"/> 3. Category II ACM not removed							
				Cat I	Cat II	UNIT	
Pipes						Ln Ft:	Ln m:
Surface Area						Sq Ft:	Sq m:
Vol RACM off Facility Component						Cu Ft:	Cu yds: 6
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)				Start: 11/1/96		Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)				Start: 11/1/96		Complete: 12/21/96	

05-0555-550

05-0555-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	" Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane		" 685 Bridge City Avenue	
City: Slidell	" Bridge City	State: LA	Zip: 70458 " 70094
		Telephone #: (504)646-0039 #3(504)436-7777	

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
----------------	-----------	------------	--------------------------

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Josh E. Kelly 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Josh E. Kelly 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

05-0555-550

004825

FIELD DATA SHEET 1

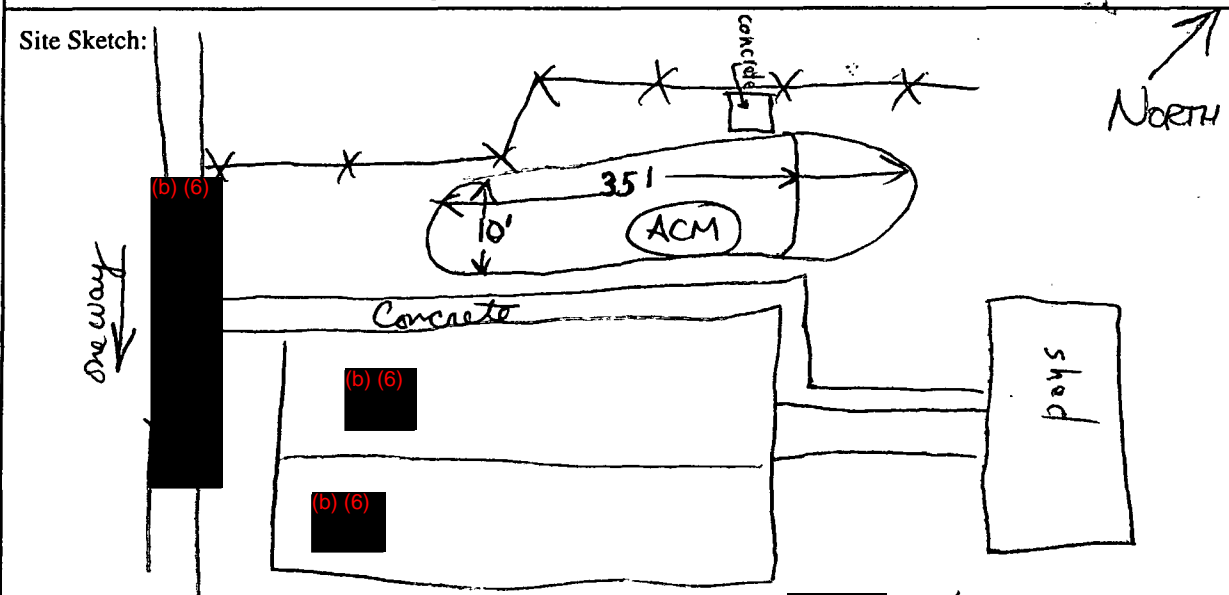
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6), <u>Bretna, LA</u>	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) <u>Succession of</u> (b) (6)	

Site Description:

1) Description of property (circle): single home; <u>duplex</u> ; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>NONE</u> resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume ^{area} of ACM: <u>350 ft.²</u>	contact: (b) (6) <u>only, not tenant.</u>
Comments: <u>NEVER HOME</u> <u>NOT HOME 10/23</u> <u>5000 sign for garage sale</u>	<u>for future contact, call</u> (b) (6) <u>at</u> (b) (6) <u>Backfill: limestone w/ edging</u>
Date/Time of Interview: <u>11/20 1000</u>	Access Granted (circle): <u>yes</u> ; no
Team Members: <u>SM / AR</u>	

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name:

Succession of (b) (6)

Property's Address:

(b) (6), *Grenta, LA*State/Zip: *70053* Phone Number(s): _____

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11/7/96

DATE

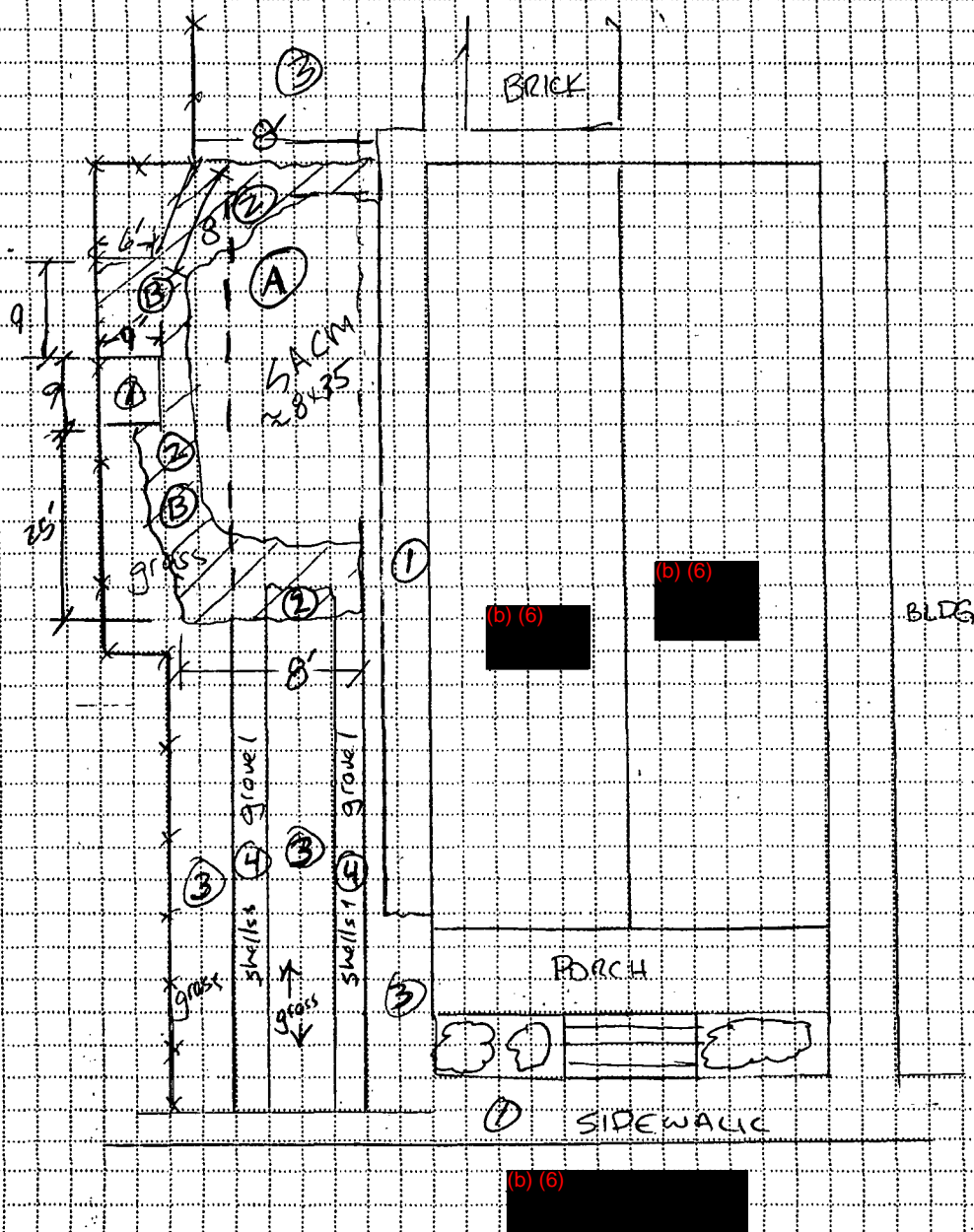
(b) (6)

SIGNATURE

004827

05-0556-520

UPDATED: 6/10/97



⊗ FORWARD TO IT 7/1/97 JAW

NOTES: 10x50' area (75% SACM)

N (NTS)

+

RESTORATION: A: LIMESTONE

B: SOP + SOIL

C:

ARRIVAL: 1535

DEPARTURE: 1625

RESTORATION APPROVED BY: (b) (6)

VIA PHONE

DATE: 6/30/97

TEAM:

MM/SD/LK JAW

DATE: 6/10/97

004828

05-0556-530

#	COVER	THICKNESS
①	CONCRETE	—
②	GRASS 1"	2" AcM
③	GRASS	—
④	GRAVEL	—

28 Geena DePalma

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Deena DePalma
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Monday, August 18, 1997

Ref Number: IN97829

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS462G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			25% Quartz 73% Other
WBS462G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS556G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected			20% Quartz 80% Other
WBS556G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			20% Quartz 80% Other
WBS376G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			70% Quartz 30% Other
WBS680G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			20% Quartz 80% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski
Analyst

Approved
Signatory

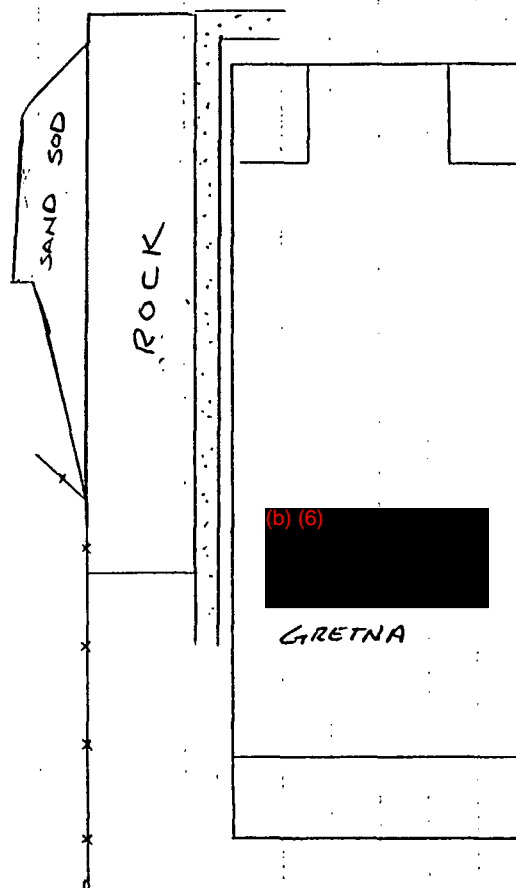
Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

004830

05-0556-570



By PM Date 8-15-97 Subject RESTORATION SITE # 556 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



05-0556-590

004831

WESTBANK ASBESTOS ABATEMENT

NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 556

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					83. ⁰⁰		
3od Installation (sq.yds.)					25. ⁵⁰		
5" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					25. ⁵⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					20. ⁰⁰		
Sand (cu.yds.)					10. ⁰⁰		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

004832

05-0556-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL	REVISED CANCELED
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas		State: TX	Zip: 75202
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell		State: LA	Zip: 70456
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:		State:	Zip:
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE)		Demo	Ordered Demo Renovation Emergency Reno
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		YES	NO
Inspector's Name: Debra Bendily (LDEQ)		Inspection Date: Jan. - Apr. 1996	
Inspector's Accreditation #: 6I0685			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#556)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I Cat II	UNIT
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 10
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/1/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/1/96	Complete: 12/21/96

004833

05-0556-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:

Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors " Vaughan Contractors Contact Person: Jerry Avery R.P. Vaughan

Address: 113 Ondine Lane " 685 Bridge City Avenue

City: Slidell " Bridge City State: LA Zip: 70458 " 70094 Telephone#: (504)646-0039
#3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

(Signature of Owner/Operator/Contractor) 10-12-96

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

(Signature of Owner/Operator/Contractor) 10-12-96

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

004834

05-0556-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

8/31/98

ADDRESS:

(b) (6)

Grotna

SITE #:

556

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<p><i>NO ACM</i></p> <p><i>[Signature]</i></p>	_____

TEAM MEMBERS:

DA/ML

05-0556-540

004835

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6) Metairie, LA 70053	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): single home; <u>duplex</u> ; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>back fence</u> resolution: _____
3) Underground utilities installed by owner? (circle): no; <u>water</u> ; gas; electric; cable TV; septic tank; other <u>back to & from shed</u> Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:

(b) (6)

House

driveway
ACM

Estimated Volume of ACM: _____

*Comments: call property owner prior to site visit. Sensitive
tenant. (b) (6) wants crushed limestone in driveway.
~~Dirt and grass in backyard~~ No ACM in Backyard

Date/Time of Interview: 10/16/96 8:10am	Access Granted (circle) <u>yes</u> ; no
Team Members: Maggie Lin / KJ / TC	

05-0557-510

004836

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

GRETNA

State/Zip: LA 70053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/25/96

DATE

(b) (6)

SIGNATURE

05-0557-520

004837

TRACKING #

557

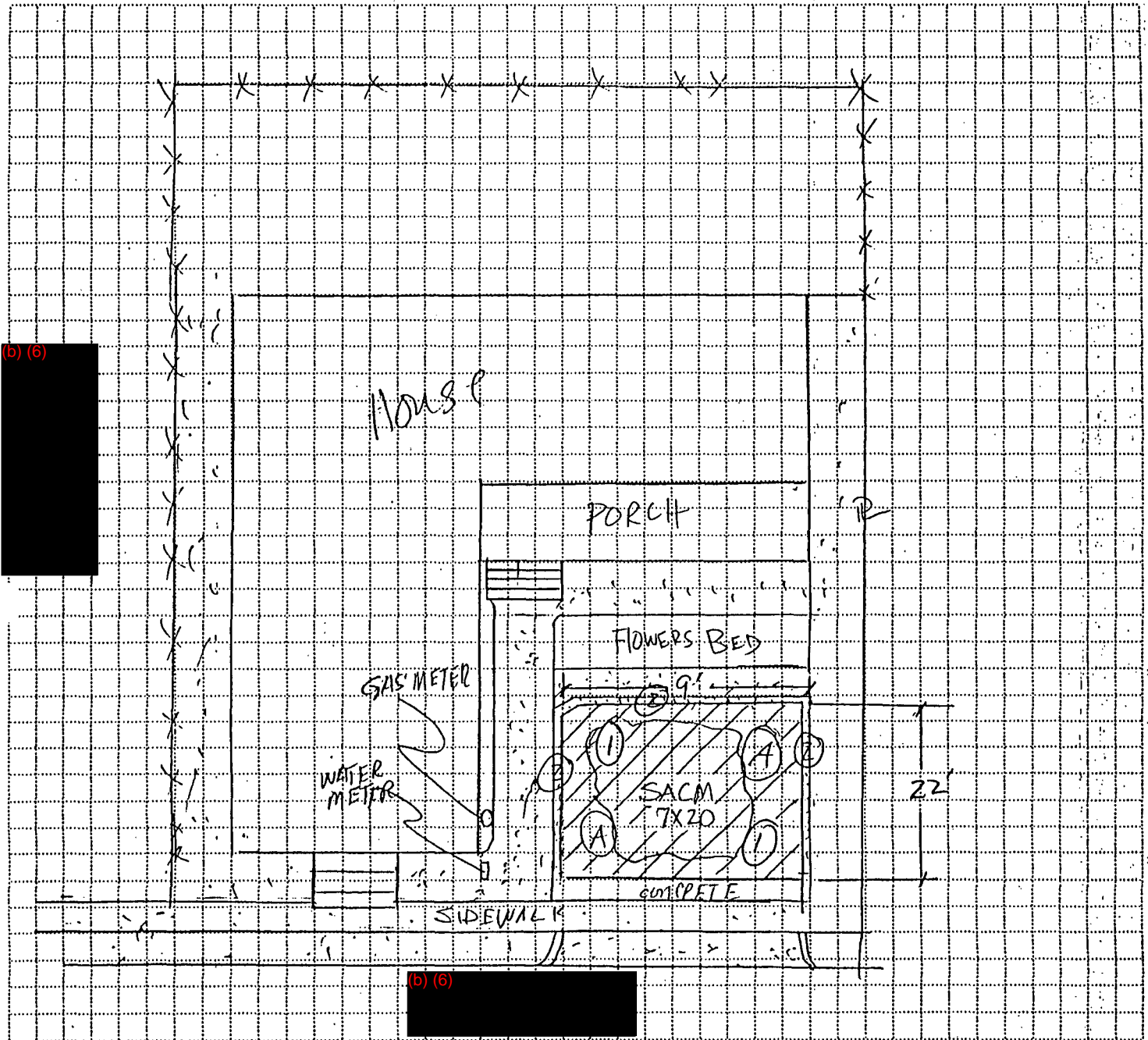
SITE SKETCH

ADDRESS:

(b) (6)

UPDATED:

11



NOTES:

N (NTS)



* (Leave rounded concrete edging intact.)

#	COVER	THICKNESS
1	—	4" SACM
2	1" soil/soil	4" ACCT

RESTORATION:

A: Concrete (9'x22')

B: *

C: (Leave rounded concrete edging)

05-0557-530

ARRIVAL:

DEPARTURE:

RESTORATION APPROVED BY: X

(b) (6)

DATE: 6/24/97

TEAM:

C.J./J.D./M.W./T.T.

DATE:

6/24/97

ZODI 6/26

004838

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

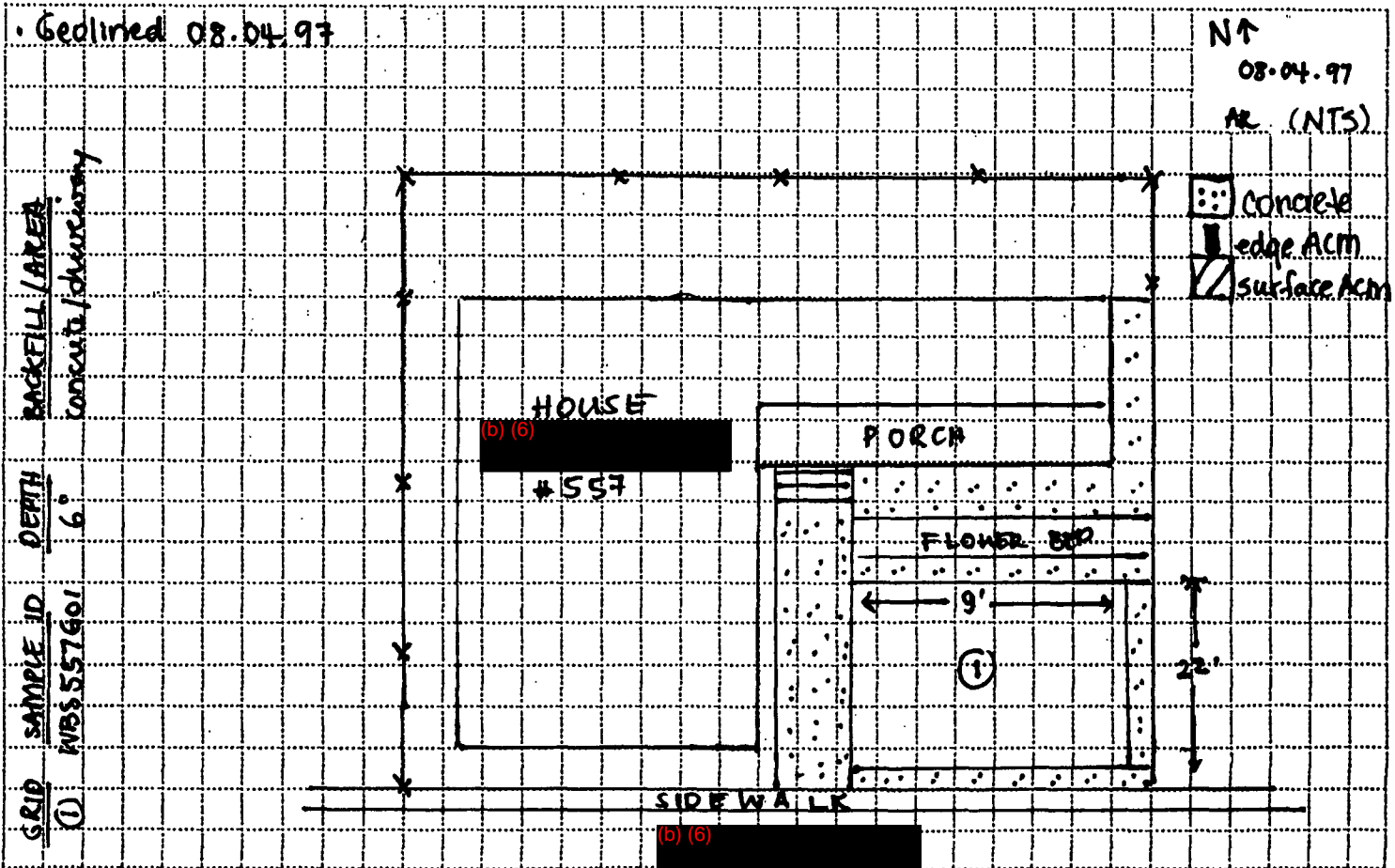
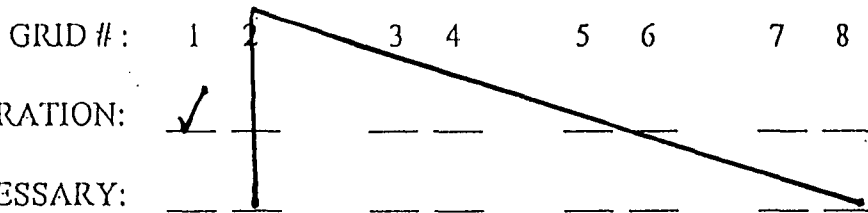
FYI:

SITE# 557

ADDRESS: (b) (6)
Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical as of 08.04.97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:



05-0557-560

AUTHORIZED EPA/START REPRESENTATIVE Alma Rullera
004839

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Alma Rillera
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Wednesday, August 06, 1997

Ref Number: IN97721

EMSL**POLARIZED LIGHT MICROSCOPY (PLM)**

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	NONFIBROUS
WB8244G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			30% Quartz 68% Other
WB8244G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			30% Quartz 70% Other
WB8567G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected			30% Quartz 70% Other
WB8568G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected			30% Quartz 70% Other
WB8568G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected			30% Quartz 70% Other
WB8568G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200168-0).

004840

05-0557-570

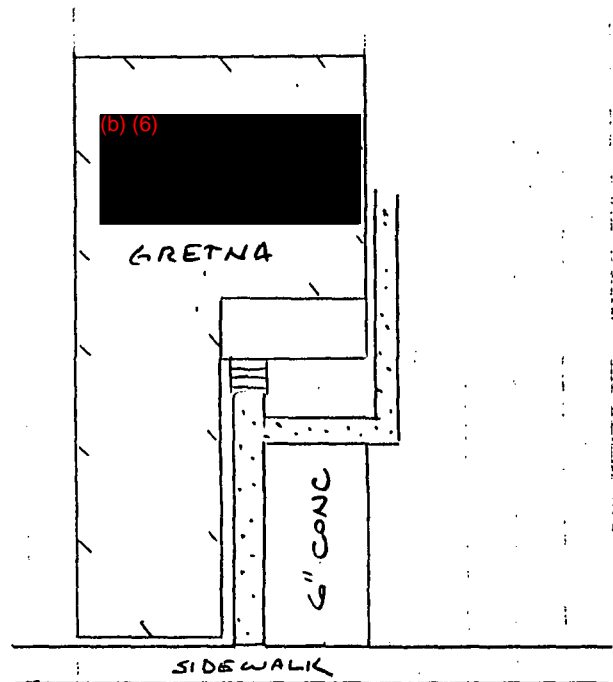


INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 8-5-97 Subject RESTORATION SITE # 557 Sheet No. of

Chkd. By Date Proj. No.



05-0557-590

004841

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 557

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
3" Concrete Installation (sq. yds.)					22.50		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)							
Concrete (cu.yds.)					4.18		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____
 SUB 1 SIGNATURE _____
 SUB 2 SIGNATURE _____

05-0557-590

004842

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL	REVISED CANCELED
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.	La. Contractor's License #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane			
City: Slidell	State: LA	Zip: 70456	
Contact: Gerald Avery	Telephone: 504-646-0039		
OTHER OPERATOR:	DEQ Project Designer #:		
Address:			
City:	State:	Zip:	
Contact:	Telephone:		
III. TYPE OF OPERATION (CIRCLE ONE)	Demo	Ordered Demo	Renovation Emergency Reno
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)	YES	NO	Inspection Date: Jan. - Apr. 1996
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#557)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I	Cat II
Pipes			UNIT
Surface Area			Ln Ft: Ln m:
Vol RACM off Facility Component			Sq Ft: Sq m:
			Cu Ft: Cu yds: 4
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)	Start: 11/1/96	Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)	Start: 11/1/96	Complete: 12/21/96	

004843

05-0557-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	as Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane		as 685 Bridge City Avenue	
City: Slidell as Bridge City	State: LA	Zip: 70458 as 70094	Telephone #: (504)646-0039 #3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
----------------	-----------	------------	--------------------------

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John S. Rife 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John S. Rife 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

004844

05-0557-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-31-98

SITE #: 557

ADDRESS: (b) (6)

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

6'

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<p><i>NO ACM</i></p> <p><i>Chambers</i></p> <p><i>8/31/98</i></p>	_____

TEAM MEMBERS:

DA/ML

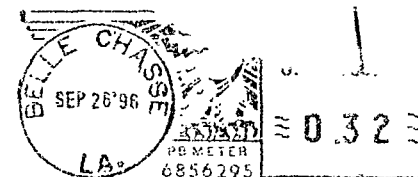
004845

05-0557-540

(b) (6)

METROPOLITAN DEVELOPMENTAL CENT

251 F. Edward Hebert Blvd.
P. O. Box 7070
Belle Chasse, Louisiana 70037



John Martin
EPA Region 6
65 FR 2
1445 Ross Ave
Dallas TX 75202

73202/2B12



004846

05-0557-600

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6), Gretna, LA	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): single home; <u>duplex</u> ; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; <u>gate</u> ; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:

Estimated Volume of ACM: _____

Comments: (b) (6) (owner) (b) (6) (in phone book)
(b) (6)

dirt & grass

over →

Date/Time of Interview: _____

Access Granted (circle) yes no

Team Members:

K. Starling / K. Jensen

05-0558-510

004847

Owners

(b) (6)

- #558

(b) (6)

#559

#926

RENTER=

(b) (6)

(owner) Her residence

TRACKING# 338

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name:

(b) (6)

Property's Address:

(b) (6)

GREYNO

State/Zip: LA 70053 Phone Number(s):

(b) (6)

rental property

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

SEPT. 12, 1996

DATE

(b) (6)

SIGNATURE

004848

05-0558-520

10/2/44

Sister owns
the house

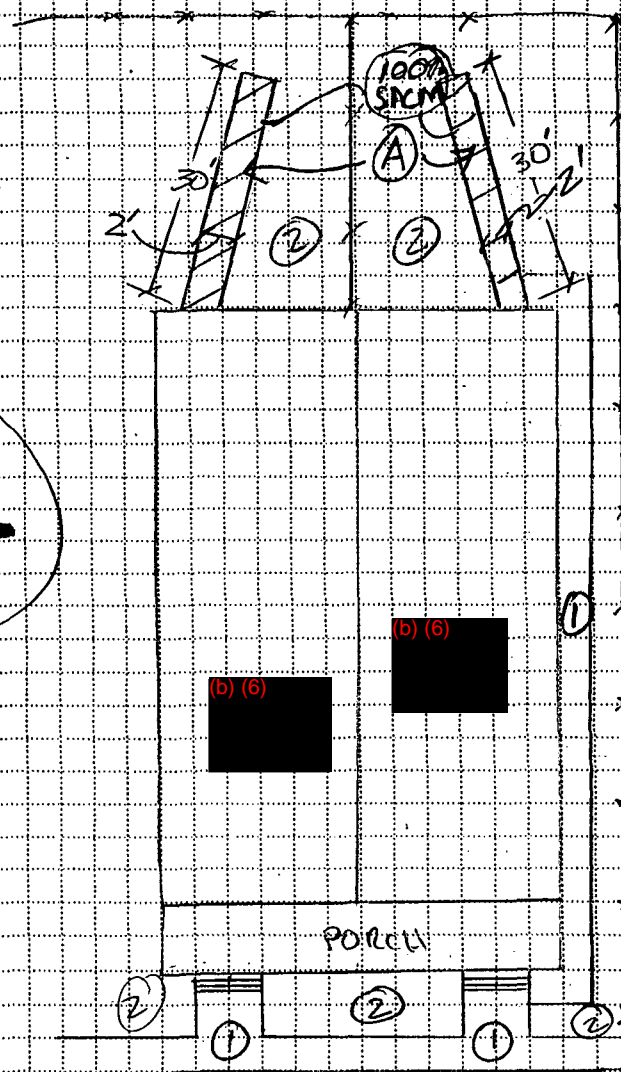
(b) (6)

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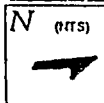
(b) (6)

A large black rectangular redaction box covering several lines of text.

SEE
TRACKING
559



NOTES:



OWNER REQUEST
SOP/GRASS OVER
BASIC SIDEWALKS

RESTORATION: A: 2' x 30' GRASS/SOD

B:
C:

ARRIVAL: 1440

DEPARTURE: 1510

TEAM:

MM/JD

RESTORATION APPROVED BY:

(b) (6)

(phone)

DATE: 6/19/97

004849

6/11/97

2017

05-0558-530

FYI:

SITE# 558

ADDRESS: (b) (6) [REDACTED]
Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 7/16/97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒

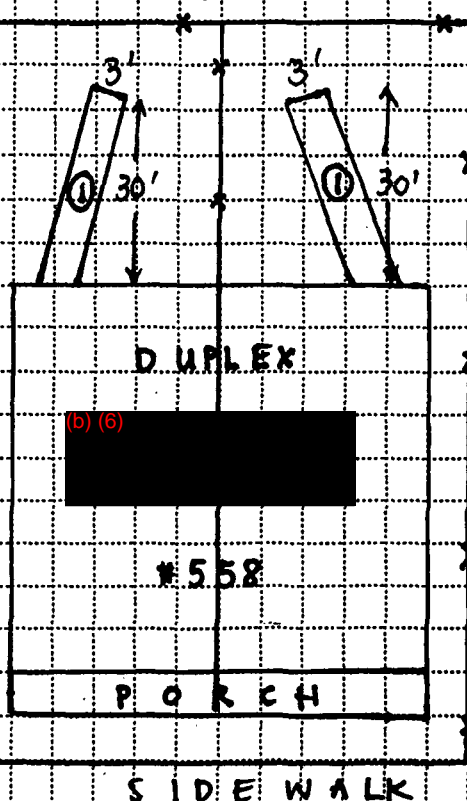
B. FURTHER ACTION NECESSARY:

Visible ACM after excavation highlighted below by: (■) and (▣)
 - Geotired 07.10.97

N.T.S.

N →
07.10.97
AR

GRID	SAMPLE ID	DEPTH	BACKFILL AREA
①	WB3558601	6"	sod soil/backyard



05-0558-560

AUTHORIZED EPA/START REPRESENTATIVE

VE 04850 J. W. Wilkum 7/16/97

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
 Indianapolis, Indiana 46250
 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Larry Roedl
 Ecology & Environmental
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Monday, July 14, 1997

Ref Number: IN97461

EMSL**POLARIZED LIGHT MICROSCOPY (PLM)**

Performed by EPA 800/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS716G03	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS697G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			80% Quartz 20% Other
WBS697G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			80% Quartz 20% Other
WBS697G03		Brown Non-Fibrous Homogeneous	Crushed	3% Chrysotile 1% Crocidolite			80% Quartz 16% Other
WBS1028G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			80% Quartz 20% Other
WBS558G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski
 Analyst

Approved
 Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

2

05-0558-570

004851

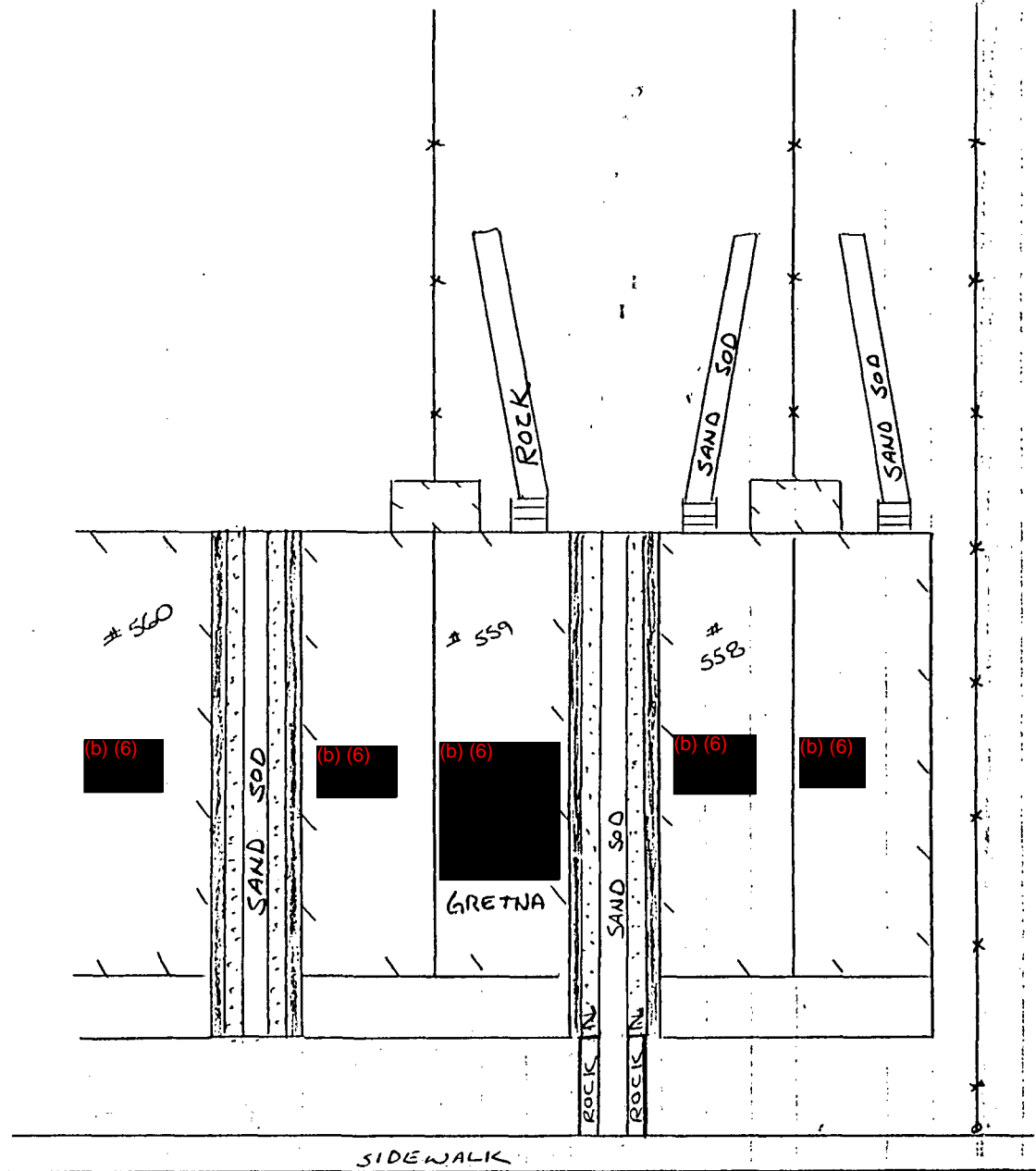


INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 7-12-97 Subject RESTORATION SITE # 558
559
560 Sheet No. _____ of _____

Chkd. By _____ Date _____ Proj. No. _____



05-0558-590

004852

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 558
559
560

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					12. ⁰⁰		
Sod Installation (sq.yds.)					58. ⁵⁰		
3" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					58. ⁵⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					2. ⁵⁰		
Sand (cu.yds.)					24. ⁰⁰		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

004853

05-0558-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	#3 Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
---------------------------	------------------------	-----------------------------	--------------

Address: 113 Ondine Lane	#3 685 Bridge City Avenue
--------------------------	---------------------------

City: Slidell	#3 Bridge City	State: LA	Zip: 70458	#3 70094	Telephone#: (504)646-0039 #3(504)436-7777
---------------	----------------	-----------	------------	----------	--

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
---------------------------------	-----------------------------

Address: 1713 Winchester Place

City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
--------------	-----------	------------	-----------------------------

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
----------------	-----------	------------	--------------------------

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
-------	--------	------------

Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)
--------------------------	----------------------------------

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John P. Hef 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John P. Hef 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A & B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

004854

05-0558-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM FORM AAC-2 REV 5/12/95

# of ADVF's Requested	1	Parish #	1340	Source #		ADVF #	
I. TYPE OF NOTIFICATION		(CIRCLE ONE)		ORIGINAL		REVISED CANCELED	
II. FACILITY INFORMATION				Contact: John Martin			
OWNER NAME: U.S. EPA Region 6				Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave							
City: Dallas				State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.				LA Contractor's License #: 26445		DEQ ID #: 7500008	
Address: 113 Ondine Lane							
City: Slidell				State: LA		Zip: 70456	
Contact: Gerald Avery				Telephone: 504-646-0039			
OTHER OPERATOR:				DEQ Project Designer #:			
Address:							
City:				State:		Zip:	
Contact:				Telephone:			
III. TYPE OF OPERATION		(CIRCLE ONE)		Demo		Ordered Demo Renovation Emergency Reno	
IV. IS ASBESTOS PRESENT?		(CIRCLE ONE)		YES		NO	
Inspector's Name: Debra Bendily (LDEQ)				Inspection Date: Jan. - Apr. 1996			
Inspector's Name: Debra Bendily (LDEQ)				Inspector's Accreditation #: 6I0685			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)							
Building/Component Name: Home (#558)				Fire Marshall Project #:			
Street Address: (b) (6)							
City: Gretna		State: LA		Zip: 70053		Parish: Jefferson	
Site Location: On side of house				Telephone: NA			
Building Size: NA		# of Floors: NA		Age in Years: NA			
Present Use: NA				Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116							
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:		RACM to be Removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
1. Regulated ACM to be removed							
2. Category I ACM not removed							
3. Category II ACM not removed							
				Cat I Cat II		UNIT	
Pipes						Ln Ft: Ln m:	
Surface Area						Sq Ft: Sq m:	
Vol RACM off Facility Component						Cu Ft: Cu yds: 4	
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)				Start: 11/1/96		Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)				Start: 11/1/96		Complete: 12/21/96	

004855

05-0558-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/6/98

SITE #: 0558

ADDRESS: (b) (6)
GRETN

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<div>NO VIS. ACM</div>	_____

TEAM MEMBERS: PM

004856

05-0558-540

FIELD DATA SHEET 1

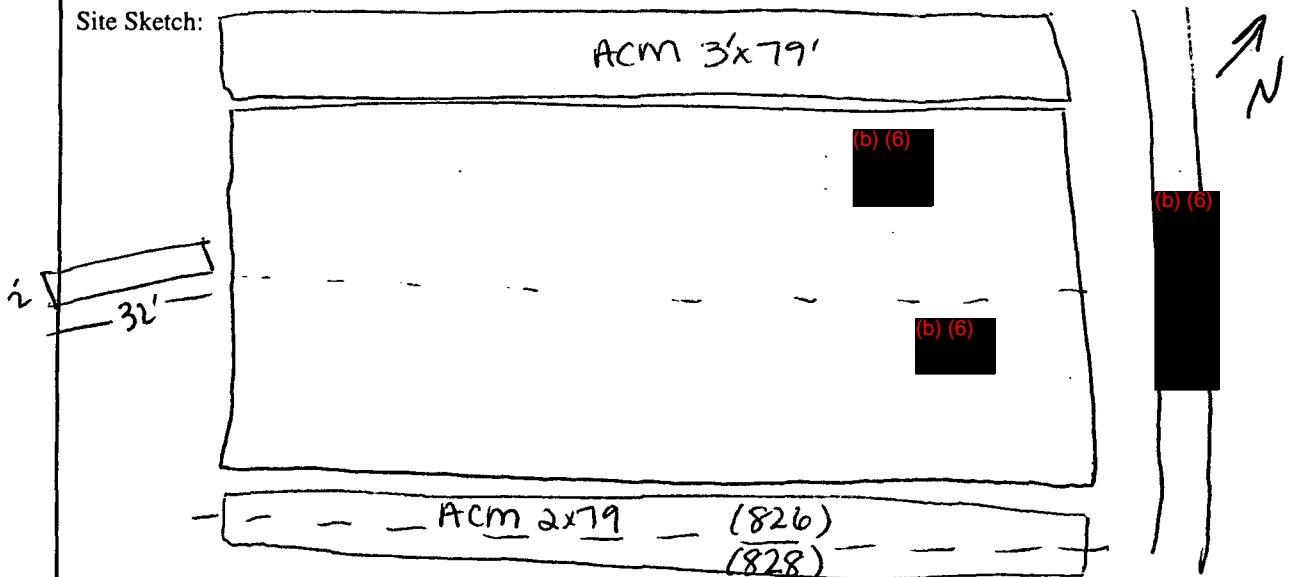
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address:	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): single home; <u>duplex</u> ; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): <u>locked gate</u> ; gate; dogs; other _____ resolution: <u>CALL BEFORE</u>
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: crushed limestone
dirt between (b) (6) Limestone in back of (b) (6)

Date/Time of Interview: 14:30 9/17/96 Access Granted (circle): yes; no verbal

Team Members: Gary Fulton - Troy Naguin & written

05-0559-510

05-0560-510

004857

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

- GRETNA

State/Zip: LA - 70053

Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

SEPT. 12, 1996

DATE

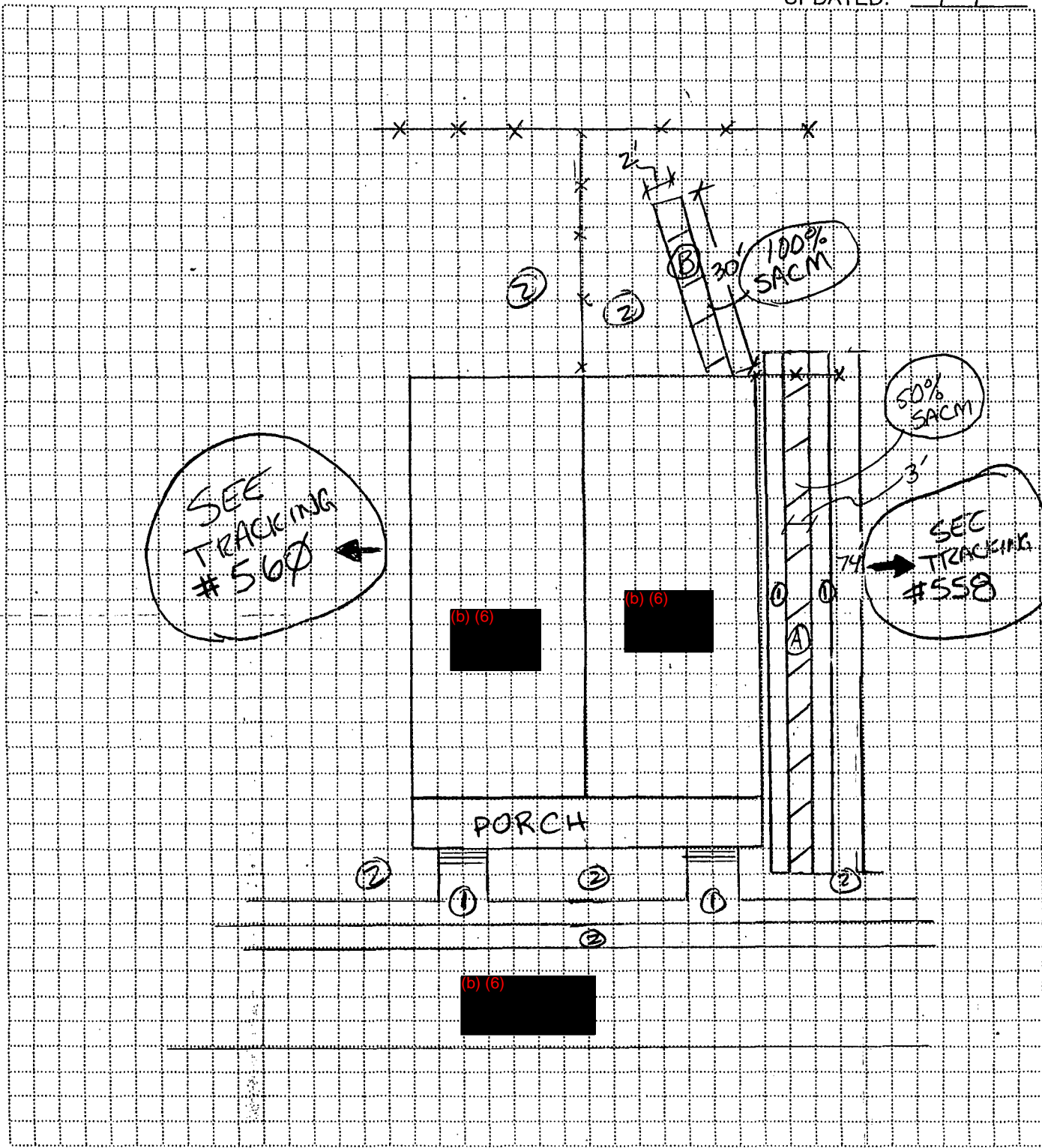
(b) (6)

SIGNATURE

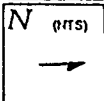
05-0559-520

05-0560-520

004858



NOTES:



OWNER REQUEST GRASS/SOD
IN SIDE AREA AND
GRAVEL FOR SIDEWALK

#	COVER	THICKNESS
①	CONCRETE	—
②	GRASS 6"	—

05-0559-530

RESTORATION: A: 74'x3' GRASS/SOD
B: 2'x30' GRAVEL
C:

05-0560-530

ARRIVAL: 1510

DEPARTURE: 1550

RESTORATION APPROVED BY: (b) (6)

(phone)

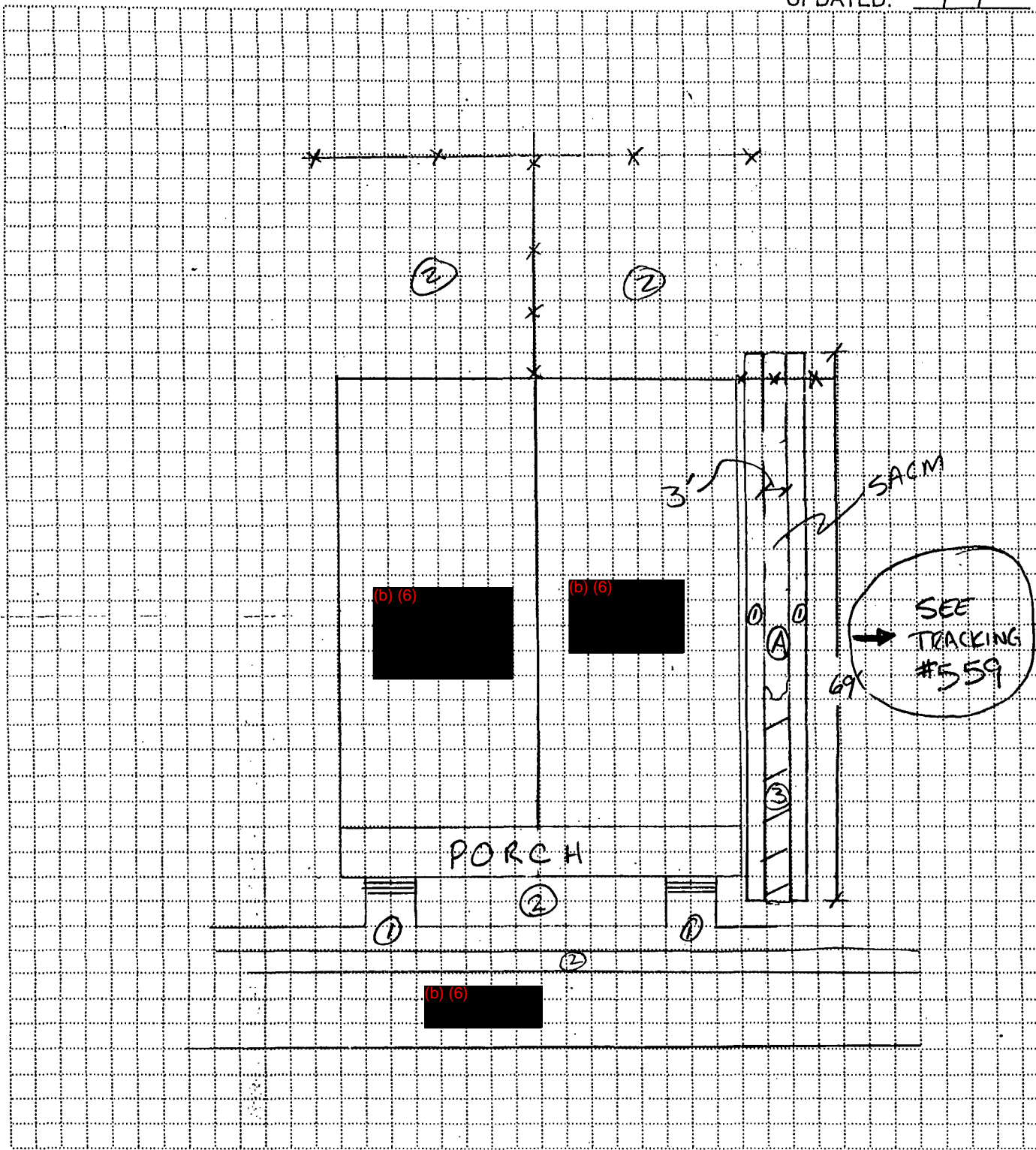
DATE: 6/19/97

TEAM: MM/JD

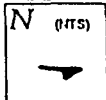
DATE: 6, 11, 97

004859

TO IT 6/19



NOTES:



OWNER REQUEST
GRASS/SOD

#	COVER	THICKNESS
①	CONCRETE	—
②	GRASS	—
③	GLASS 1-2"	3"

05-0559-530

05-0560-530

RESTORATION: A: 69'x3' GRASS /SOD

B:
C:

ARRIVAL: 1550

DEPARTURE: 1640

RESTORATION APPROVED BY: JW 6/19/97 (b) (6)

DATE: 6/19/97

TEAM: MM/JD

DATE: 6/11/97

004860

20 TT 6/19

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 559

ADDRESS: (b) (6)
Gretna, LA

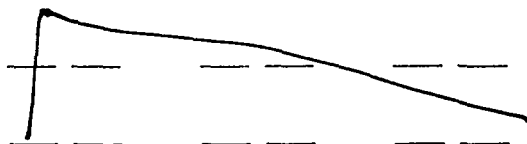
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical results received as of 07.11.97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

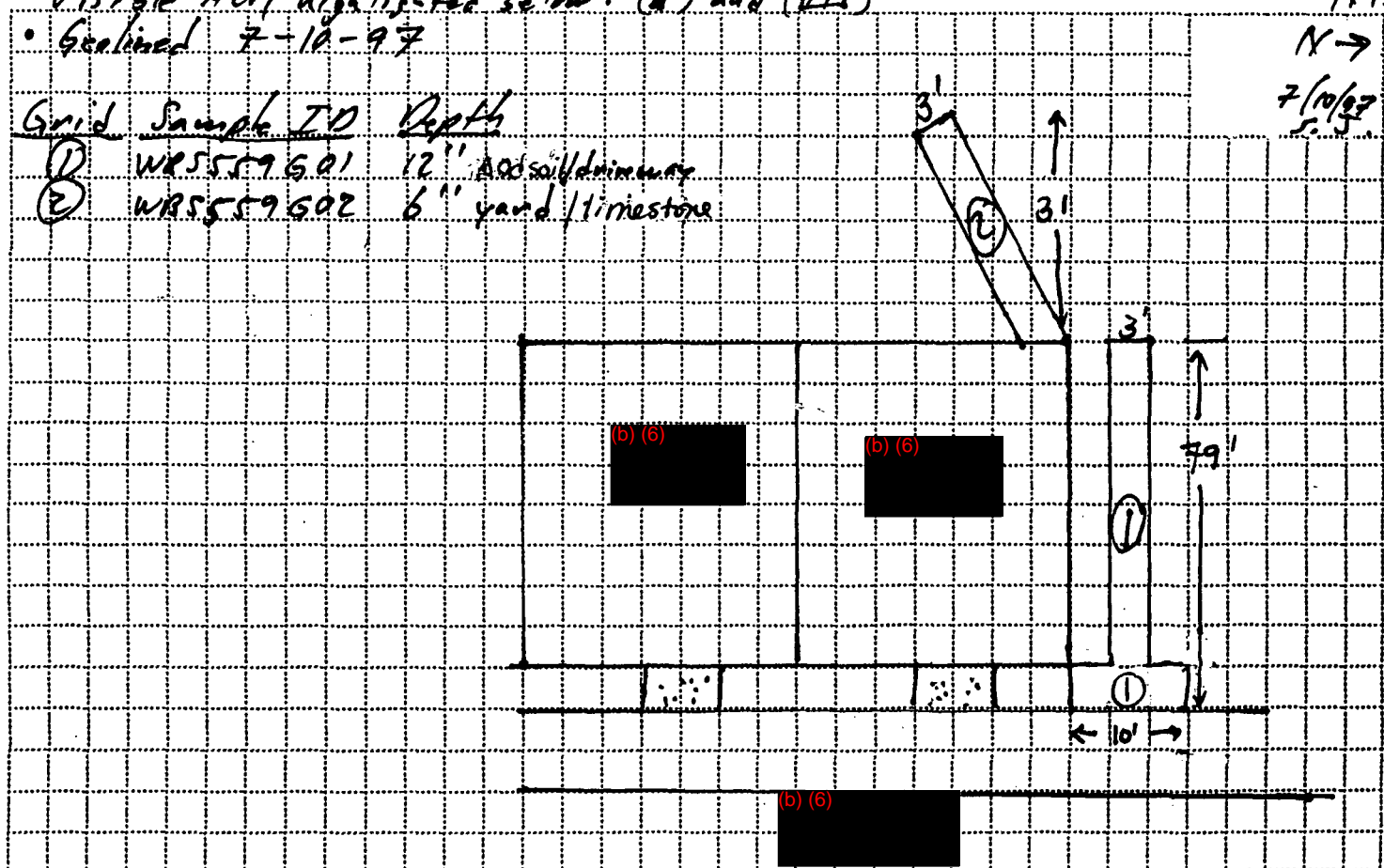
A. PROCEED WITH RESTORATION: ✓ ✓

B. FURTHER ACTION NECESSARY:



- Visible ACM highlighted below: (I) and (VII)
- Geolined 7-10-97

Grid	Sample ID	Depth
(I)	WR5559601	12" ASD soil/drainway
(II)	WR5559602	6" yard/timestone



004861

AUTHORIZED EPA/START REPRESENTATIVE

Lawrence Rood

05-0559-560

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 560

ADDRESS: (b) (6)
Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical results received as of 07.11.97

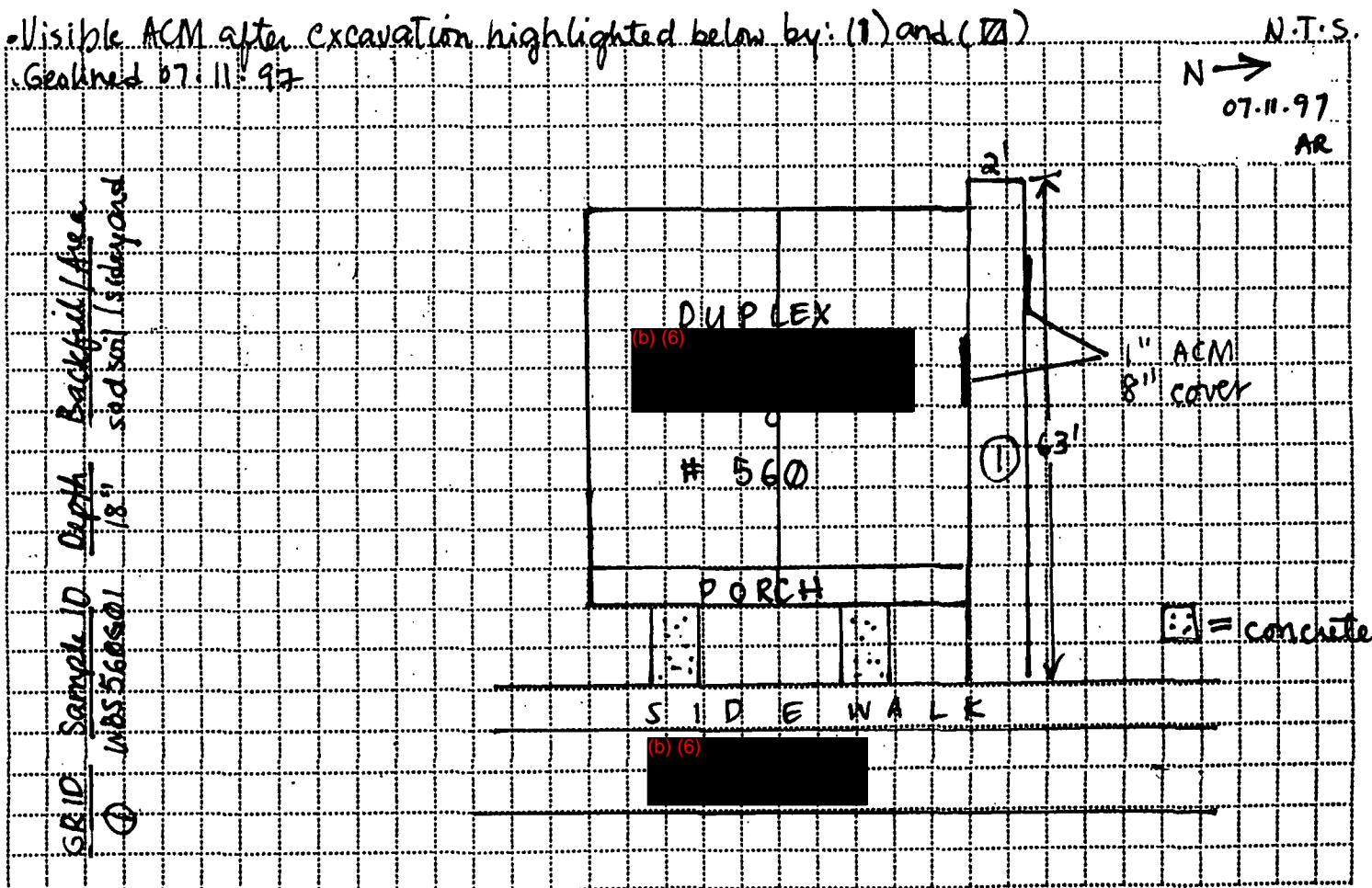
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒ ✓

B. FURTHER ACTION NECESSARY: ☐ ---

Visible ACM after excavation highlighted below by: (1) and (2)
Geotek 07.11.97



004862

AUTHORIZED EPA/START REPRESENTATIVE Lawrence Poole

05-0560-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Larry Roedl
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Monday, July 14, 1997

Ref Number: IN97461

EMSL**POLARIZED LIGHT MICROSCOPY (PLM)**

Performed by EPA 600/R-93/116 Method*

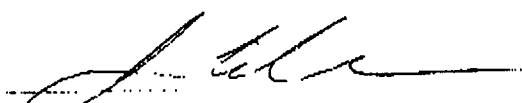
Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS559G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS559G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

05-0559-570**05-0560-570**


Jane Wasilewski
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Larry Roedl
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Tuesday, July 15, 1997

Ref Number: IN97471

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS1052G03	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS560G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS235G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS235G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		80% Quartz 20% Other
WBS235G03		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		80% Quartz 20% Other
WBS927G01		Brown Non-Fibrous Homogeneous	Crushed	2%	Chrysotile 1% Crocidolite		80% Quartz 17% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

05-0559-570

05-0560-570


Jane Wasilewski
Analyst


Approved
Signatory

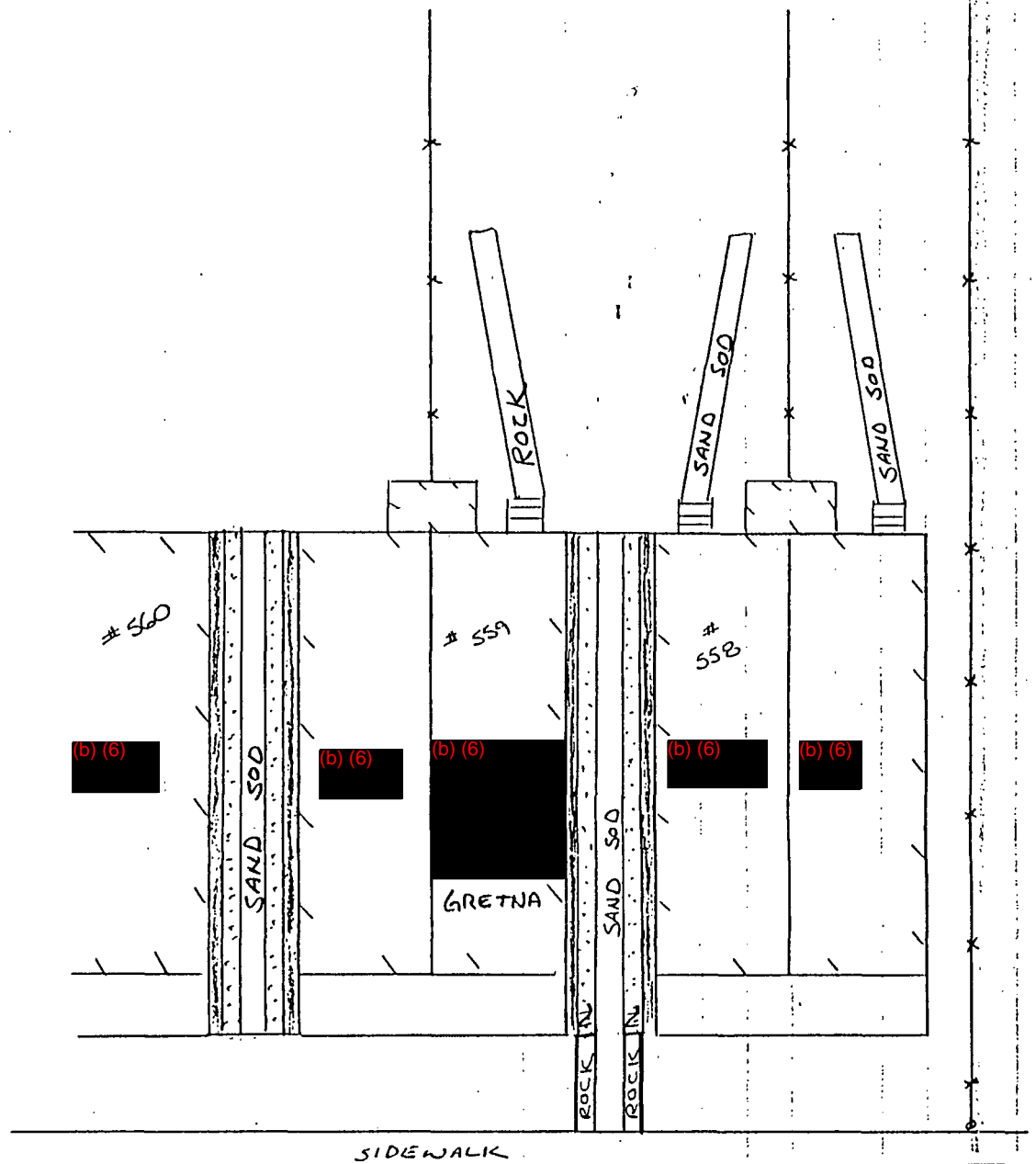
Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

004864



INTERNATIONAL
TECHNOLOGY
CORPORATION

By PM Date 7-12-97 Subject RESTORATION SITE # 558
559
560 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



05-0559-590

05-0560-590

004865

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 558
559
560

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					12. ⁰⁰		
Sod Installation (sq.yds.)					58. ⁵⁰		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					58. ⁵⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					2. ⁵⁰		
Sand (cu.yds.)					24. ⁰⁰		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____ 05-0559-590
SUB 1 SIGNATURE _____
SUB 2 SIGNATURE _____ 05-0560-590

004866

NOTIFICATION OF DEMOLITION AND RENOVATION FORM FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL	REVISED CANCELED
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas		State: TX	Zip: 75202
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell		State: LA	Zip: 70456
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:		State:	Zip:
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE)		Demo	Ordered Demo Renovation Emergency Reno
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		YES	NO
Inspector's Name: Debra Bendily (LDEQ)		Inspection Date: Jan. - Apr. 1996	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#559)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: ① Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I	Cat II
			UNIT
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 4
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 4/7/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 4/7/96	Complete: 12/21/96

004867

05-0559-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	³ Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane		³ 685 Bridge City Avenue	
City: Slidell	³ Bridge City	State: LA	Zip: 70458 ³ 70094
		Telephone#: (504)646-0039 #3(504)436-7777	

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
----------------	-----------	------------	--------------------------

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Jack P. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Jack P. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S. 40:1574 A & B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

05-0559-550

004868

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE) ORIGINAL REVISED CANCELED			
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas		State: TX	Zip: 75202
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell		State: LA	Zip: 70456
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:		State:	Zip:
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) YES NO		Inspection Date: Jan. - Apr. 1996	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#560)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: ① Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I	Cat II
			UNIT
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 3
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/7/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/7/96	Complete: 12/21/96

004869

05-0560-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors " Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane " 685 Bridge City Avenue

City: Slidell " Bridge City State: LA Zip: 70458 " 70094 Telephone #: (504)646-0039
#3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III. Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John Z. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John Z. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

05-0560-550

0004870

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-6-98

SITE #: 0559

ADDRESS: (b) (6)
CARETNA

ACM LOCATED BENEATH:

	HOUSE
	SHED

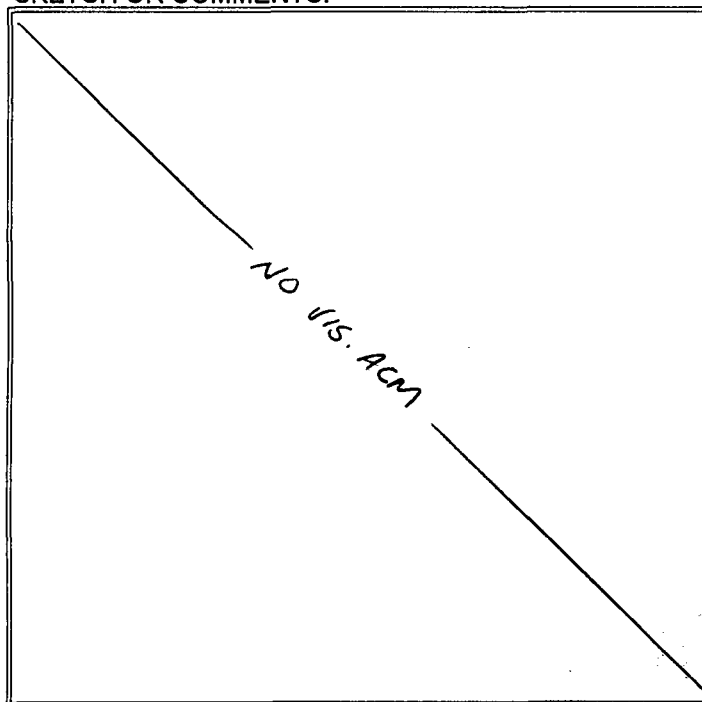
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

	CHUNKS
	POWDER
	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

 <p>NO VIS. ACM</p>	_____

TEAM MEMBERS: PM

004871

05-0559-540

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-6-98

ADDRESS: (b) (6)

SITE #: 0560

GRETNA

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

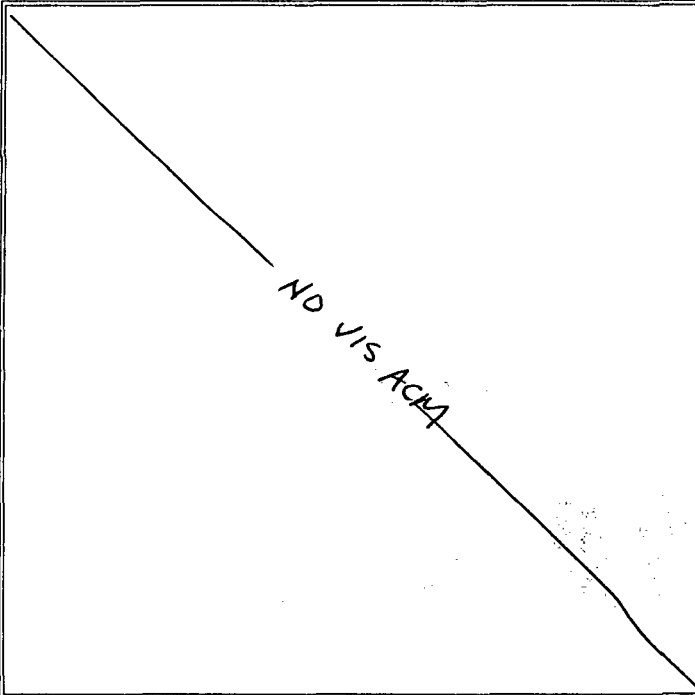
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	_____

TEAM MEMBERS: PM

05-0560-540

004872

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Gretna, LA.</u>	
Phone No.: <u>-</u>	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>no</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:

ACM

House

(b) (6)

N

Estimated Volume of ACM: _____

Comments: Crushed limestone/edge

Date/Time of Interview: <u>10/19/96</u>	Access Granted (circle) <u>yes</u> ; no <u>no</u>
Team Members: <u>in by phone</u>	

004873

05-0561-510

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6) 6000 4A.
State/Zip: 70053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

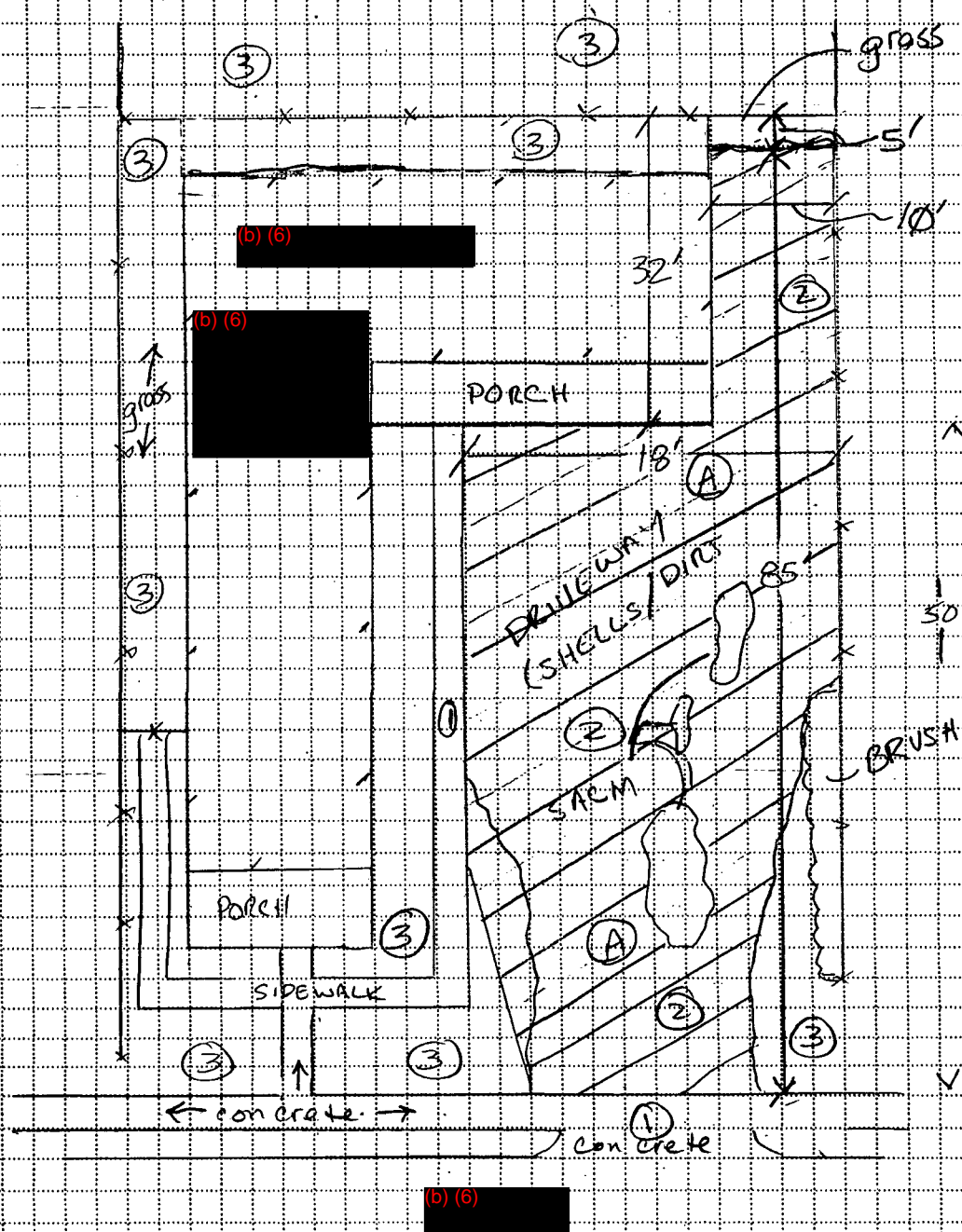
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/18/96
DATE

(b) (6)
SIGNATURE

05-0561-520

UPDATED: 6/11/97



NOTES:

N (NTS)

1

15% SACM in drive area

RESTORATION: A: 1 km driveway all the way back

C

ARRIVAL: 0715

DEPARTURE: 0805

RESTORATION APPROVED BY:

by phone ^{CHE} DATE: 6/12/97

TEAM:

MM/JD

DATE 004875 197

05-0561-530

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 561

ADDRESS: (b) (6)
Gretna, LA

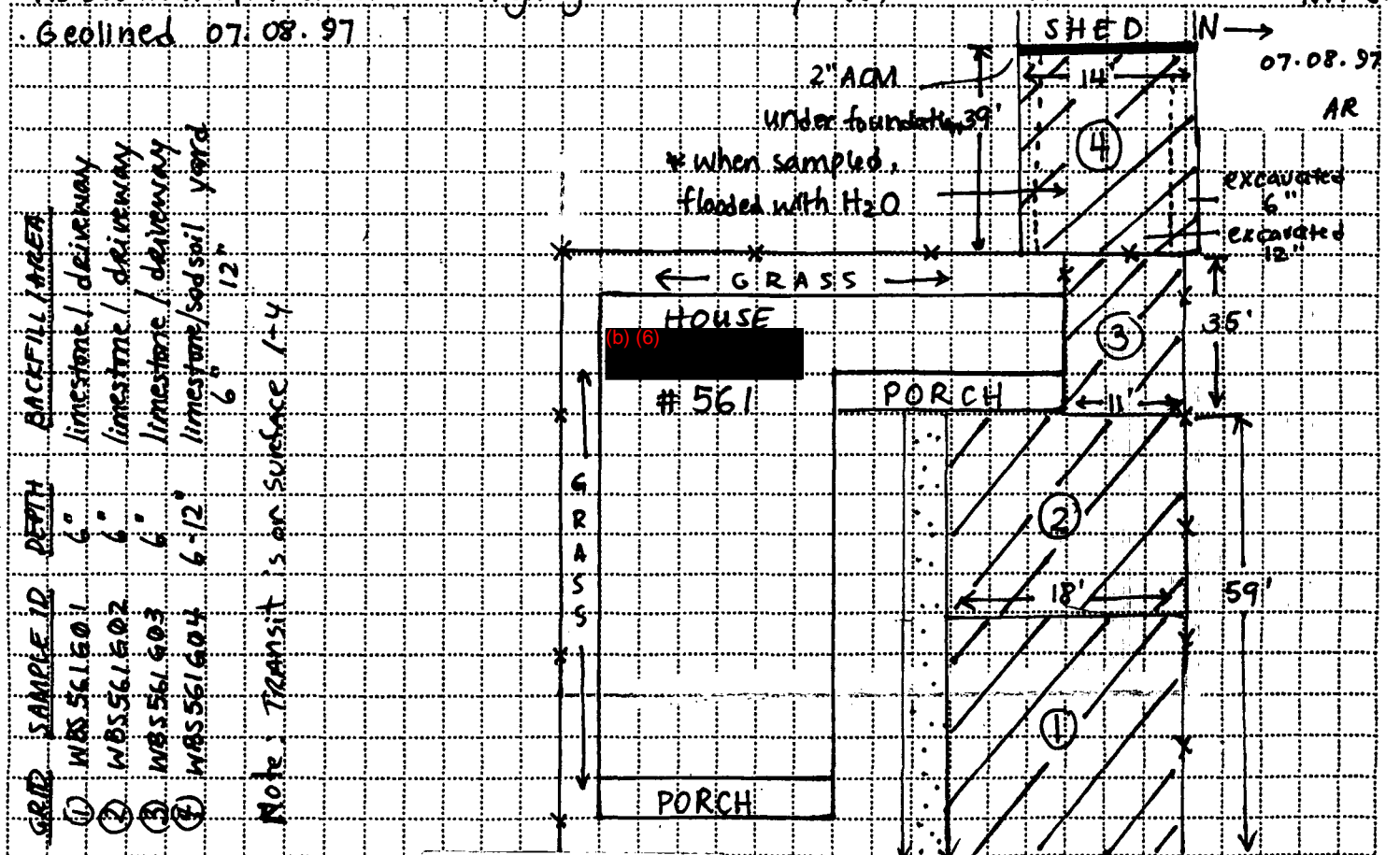
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO anal as of 7-9-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

	GRID #:	1	2	3	4	5	6	7	8
A. PROCEED WITH RESTORATION:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. FURTHER ACTION NECESSARY:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Visible ACM after excavation highlighted below by: (1) and (2)

Geolined 07.08.97



05-0561-560

AUTHORIZED EPA/START REPRESENTATIVE

004876

Laurence Powell

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Larry Roedl
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Thursday, July 10, 1997

Ref Number: IN97441

POLARIZED LIGHT MICROSCOPY (PLM)

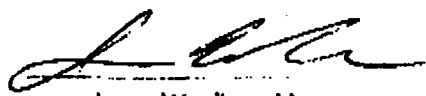
Performed by EPA 800/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

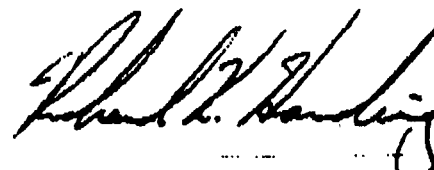
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS952G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS952G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			80% Quartz 40% Other
WBS212G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS212G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 40% Other
WBS561G01		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile			80% Quartz 38% Other
WBS561G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method



Jane Wasilewski
Analyst



Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

05-0561-570

004877

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
 Indianapolis, Indiana 46250
 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Larry Roedl
 Ecology & Environmental
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Thursday, July 10, 1997

Ref Number: IN97441

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS661G03	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		60% Quartz 40% Other
WBS661G04		Brown Non-Fibrous Homogeneous	Crushed		None Detected		80% Quartz 20% Other
WBS789G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		80% Quartz 20% Other
WBS789G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS789G03		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS218G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		80% Quartz 20% Other

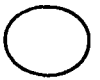
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret S. Phillips
 Margaret Phillips
 Analyst

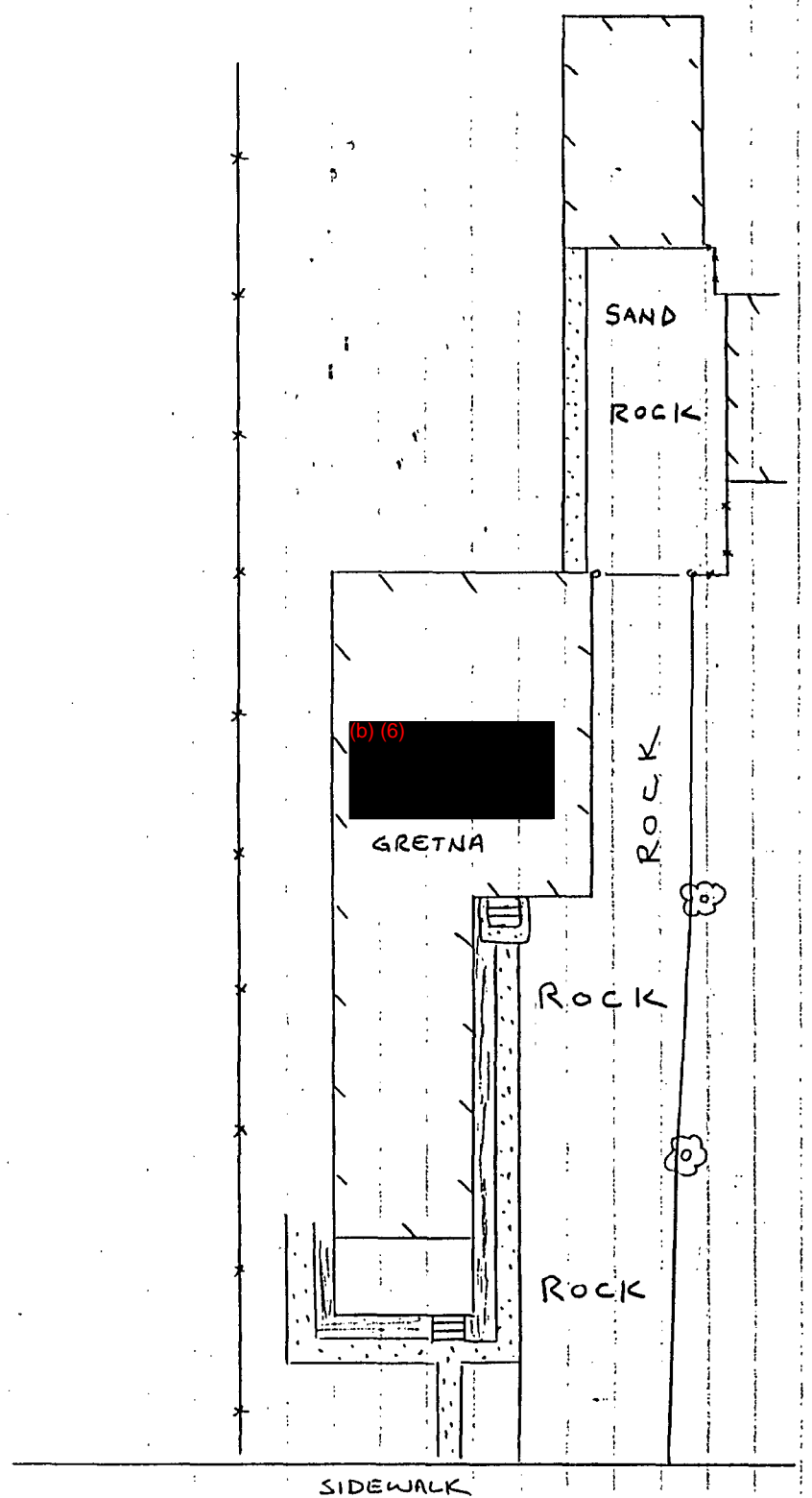
Robert L. Harding
 Approved
 Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).



By PM Date 7-9-97 Subject ACTUAL REMOVAL SITE # 561 Sheet No. _____ of _____

Chkd. By _____ Date _____ Proj. No. _____



004879

05-0561-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 561

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					220. ⁰⁰		
Sod Installation (sq.yds.)							
3" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					65. ⁵⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					50. ⁰⁰		
Sand (cu.yds.)					12. ⁰⁰		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

05-0561-590

004880

NOTIFICATION OF DEMOLITION AND RENOVATION FORM
FORM AAC-2 REV 5/12/95

# of ADVF's Requested 2	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL	REVISED CANCELED
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas		State: TX	Zip: 75202
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell		State: LA	Zip: 70456
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:		State:	Zip:
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE)		Demo Ordered Demo Renovation Emergency Reno	
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		YES NO	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#561)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I Cat II	UNIT
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 13
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/7/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/7/96	Complete: 12/21/96

004881
05-0561-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	" Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane		" 685 Bridge City Avenue	
City: Slidell	" Bridge City	State: LA	Zip: 70458 " 70094
		Telephone #: (504)646-0039 #3(504)436-7777	

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)
Location: 5800 Avondale 90 West
City: Avondale
State: LA
Zip: 70094
Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III. Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John P. Kelly 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John P. Kelly 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

1104882

05-0561-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-6-98

ADDRESS: (b) (6)

SITE #: 0561

GREYNA

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

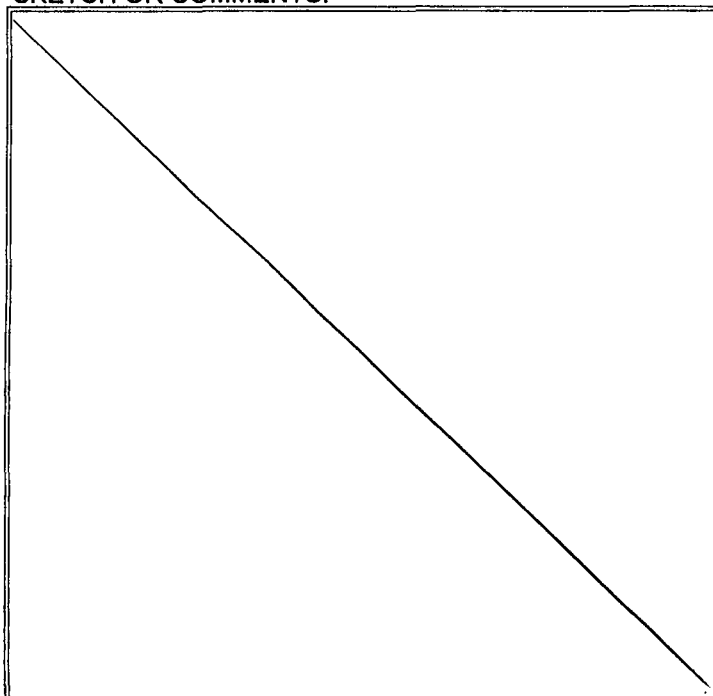
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	<u>NO VIS. ACM UNDER HOUSE.</u>
	<u>COULD NOT ACCESS SHED DUE</u>
	<u>TO LOCKED GATE.</u>

TEAM MEMBERS: PM

05-0561-540

004883

FIELD DATA SHEET 1

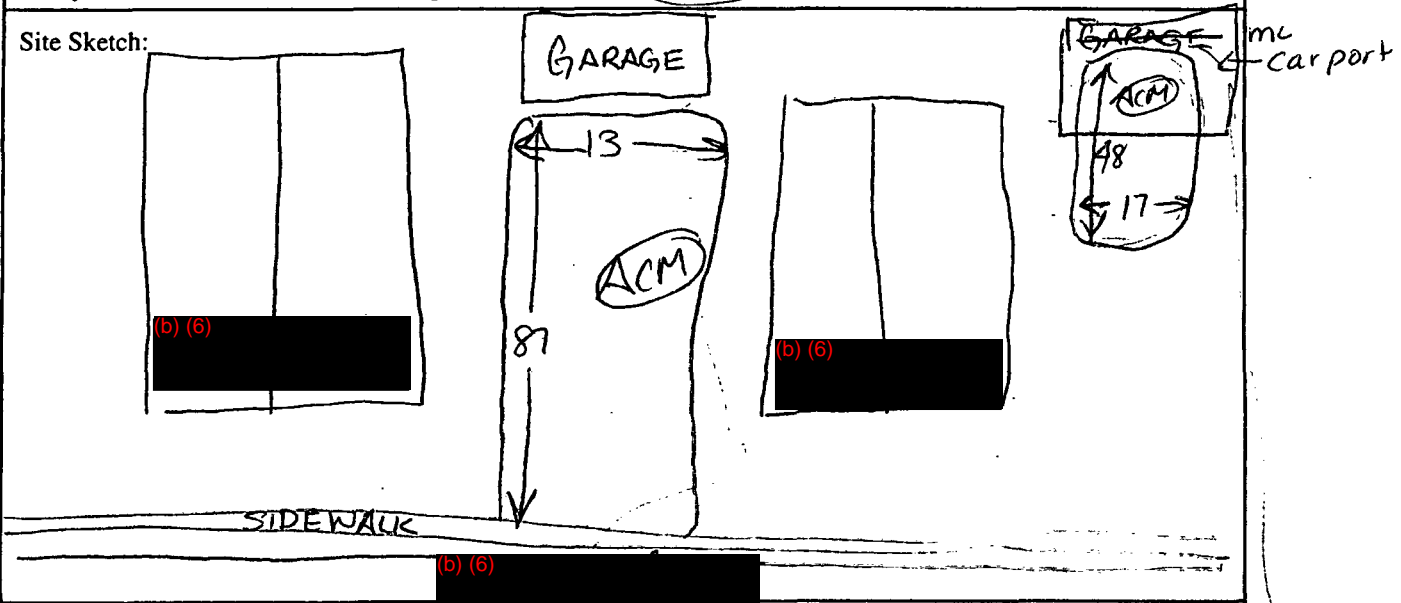
Site Information:

Occupant: <u>Renters</u>	(b) (6)	Interviewee: (b) (6)
A (b) (6)	<u>BREITNA, LA 70053</u>	
Phone No.: (b) (6)		
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)		
(b) (6) <u>Prop Owner</u> (b) (6)		
or (b) (6)		

Site Description:

1) Description of property (circle): single home; <u>duplex</u> ; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>NO</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; <u>no</u> ; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: Call (b) (6) before removal. (b) (6)
concrete both sides. Give one week notice for him to tear down carport.

Date/Time of Interview: 10:45 10/16 Access Granted (circle): yes; noTeam Members: KJ/TC

(b) (6)

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: CA

Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10-16-96
 DATE

(b) (6)
 SIGNATURE

05-0562-520

05-0563-520

004885

TRACKING #

562/563

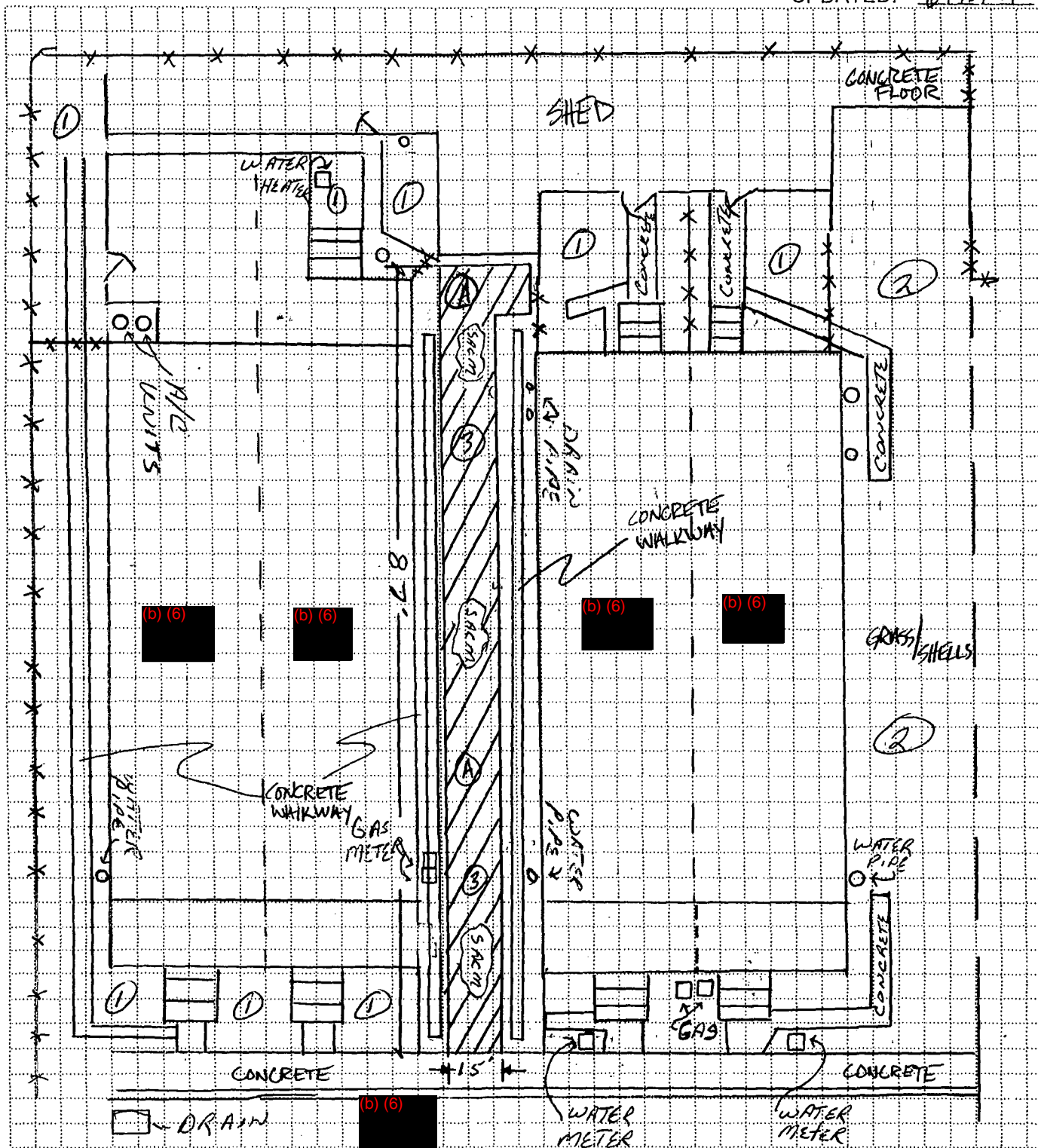
SITE SKETCH

ADDRESS:

(b) (6)

Gretina

UPDATED: 6/16/97



NOTES:

N (115)

↓

RESTORATION: A: LIMESTONE

B:

C:

ARRIVAL: 1540

DEPARTURE: 1715

RESTORATION APPROVED BY:

TEAM: JD/mw/sb

004886

DATE:

6/16/97

TO IT 7/9/97

COVER THICKNESS

① GRASS 6" NO ACM

② GRASS/SHELL NO ACM

③ GRASS 2" ACM 2"

05-0562-530

05-0563-530

DATE: 7/8/97

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 562/563

ADDRESS: (b) (6)

Gretna, La

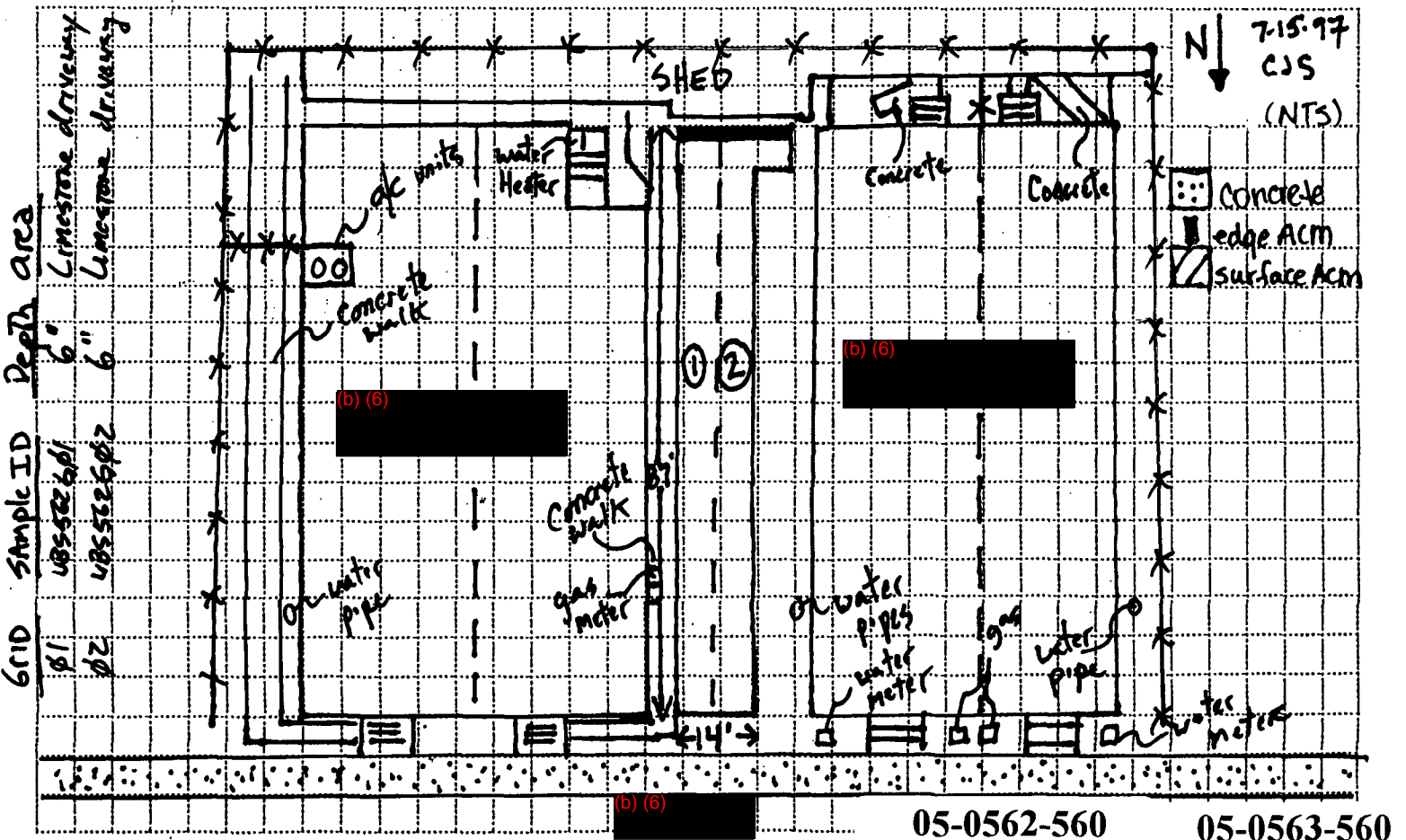
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 7-16-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒ ☒

B. FURTHER ACTION NECESSARY: ☐



AUTHORIZED EPA/START REPRESENTATIVE

004887 Barbara A. Storey 7-16-97

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Barbara Storey
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Thursday, July 17, 1997

Ref Number: IN97513

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS SITE 020601RAG1

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS869G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS225G01		Brown Non-Fibrous Homogeneous	Crushed	2%	Chrysotile < 1% Crocidolite		80% Quartz 18% Other
WBS562G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS562G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS532G01		Brown Non-Fibrous Homogeneous	Crushed		None Detected		80% Quartz 20% Other
WBS532G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

05-0562-570

05-0563-570

Jane Wasilewski
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #209188-0)

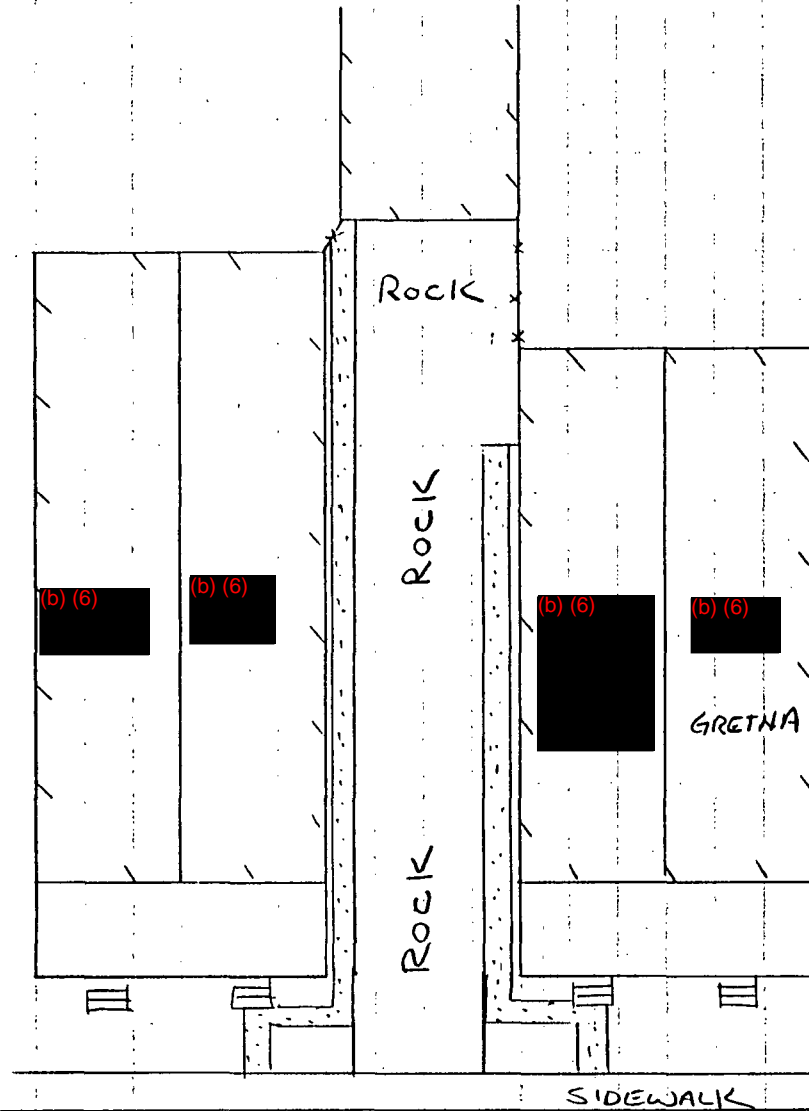
004888



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 7-14-97 Subject RESTORATION SITE # 562/563 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



05-0562-590

05-0563-590

004889

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 562/563

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					144. ⁵⁰		
od Installation (sq.yds.)							
" Concrete Installation (sq. yds.)							
" Concrete Installation (sq. yds.)							
and Installation (sq.yds.)							
ower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					34. ⁸⁰		
and (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE

05-0562-590

SUB 1 SIGNATURE

004890

05-0563-590

SUB 2 SIGNATURE

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 3	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE) ORIGINAL REVISED CANCELED			
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.	La. Contractor's License #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane			
City: Slidell	State: LA	Zip: 70456	
Contact: Gerald Avery	Telephone: 504-646-0039		
OTHER OPERATOR:	DEQ Project Designer #:		
Address:			
City:	State:	Zip:	
Contact:	Telephone:		
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) YES NO Inspection Date: Jan. - Apr. 1996			
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Duplex (#562)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I	Cat II
Pipes			UNIT
Surface Area			Ln Ft: Ln m:
Vol RACM off Facility Component			Sq Ft: Sq m:
			Cu Ft: Cu yds: 21
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/11/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/11/96	Complete: 12/21/96

004891

05-0562-550

05-0563-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors " Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane " 685 Bridge City Avenue

City: Slidell " Bridge City State: LA Zip: 70458 " 70094 Telephone #: (504)646-0039
#3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLD, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Jack P. Hays 10-12-86
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Jack P. Hays 10-12-86
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S. 40:1574 A & B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

004892

05-0562-550

05-0563-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 2	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE) ORIGINAL REVISED CANCELED			
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell	State: LA	Zip: 70456	
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:	State:	Zip:	
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) YES NO		Inspection Date: Jan. - Apr. 1996	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 610685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Duplex (#563)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: ① Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		RACM to be Removed	Nonfriable Asbestos Material Not to be Removed
		Cat I	Cat II
		UNIT	
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 16
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/14/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/14/96	Complete: 12/21/96

004893

05-0562-550

05-0563-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

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Name: Quality Contractors " Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane " 685 Bridge City Avenue

City: Slidell " Bridge City State: LA Zip: 70458 " 70094 Telephone #: (504)646-0039
#3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

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Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

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John P. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

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John P. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

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REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

004894

05-0562-550

05-0563-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/27/98
SITE #: 562

ADDRESS: (b) (6)
bretra

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

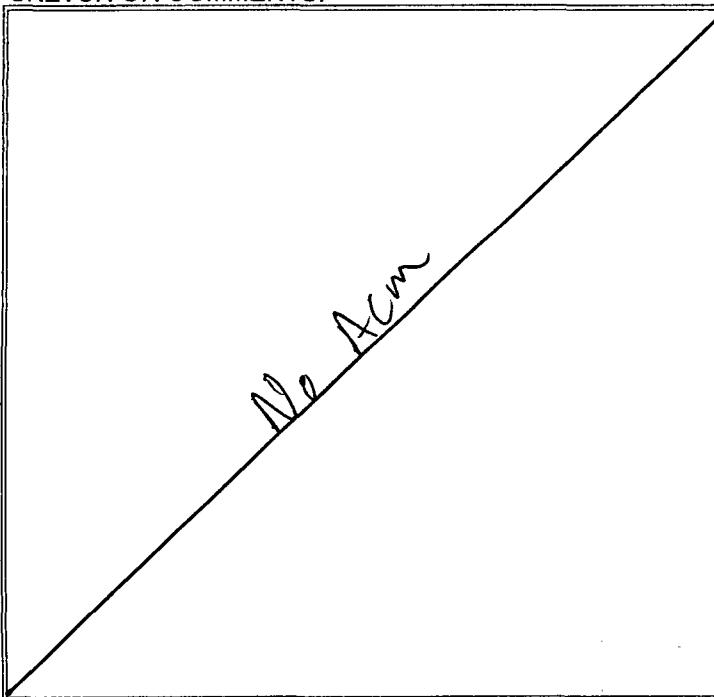
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	_____

TEAM MEMBERS: MTL/PLL

004895

05-0562-540

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/27/98
SITE #: 563

ADDRESS: (b) (6)
Gustwa

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

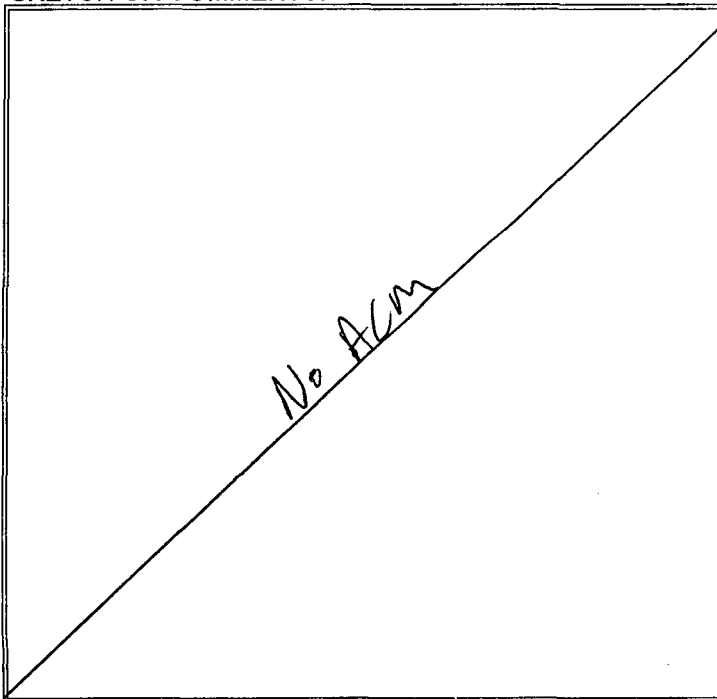
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	_____

TEAM MEMBERS: MTL / PLL

05-0563-540

004896



GULF INSTRUMENT SERVICE, INC.

6613 AIRLINE HWY. • METAIRIE, LA 70003

TOTAL STATIONS • THEODOLITES • LEVELS • FIELD SUPPLIES

SITE # 562/563

DO NOT START
REMOVAL UNTIL
AFTER
July 9!

As per say owner.

05-0563-600

SALES • RENTALS • SERVICE
(504) 733-4853 • 1-800-824-7735 • FAX (504) 733-4957

004897

FIELD DATA SHEET 1

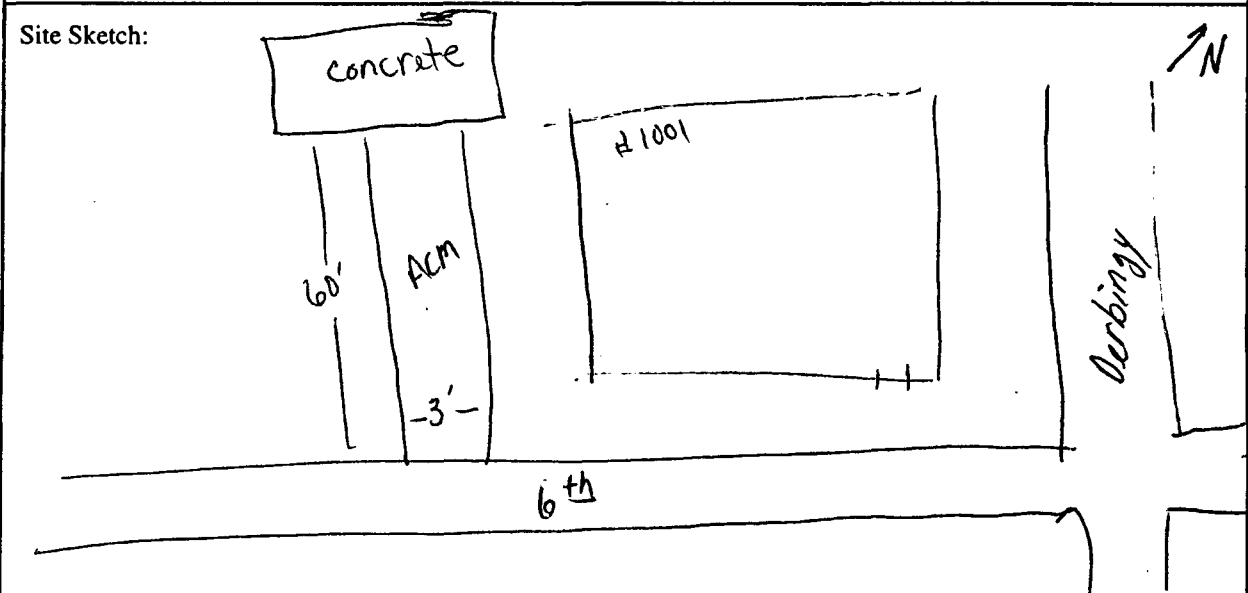
Site Information:

Occupant: the Office/Marion Edwards	Interviewee: Melinda & Marion
Address: 1001 6 th St, Grating, LA 90053	
Phone No.: 367-4437	
Owner Name, Address, and Phone No. if Different Than Occupant: marion Edwards 367-4437	

Site Description:

1) Description of property (circle): single home; duplex; <u>business</u> ; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>NO</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments:

soil & soilDate/Time of Interview: 14:05 10/16/96 Access Granted (circle): yes; noTeam Members: TC/KJ

05-0564-510

004898

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: Marion Edwards
Property's Address: 1001 6th Street, Inglewood, CA
State/Zip: CA. Phone Number(s): 367-4437

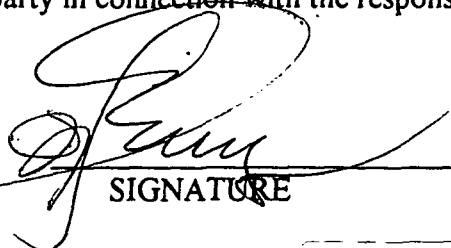
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 *et seq.* Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/16/96
DATE


SIGNATURE

05-0564-520

TRACKING #

564

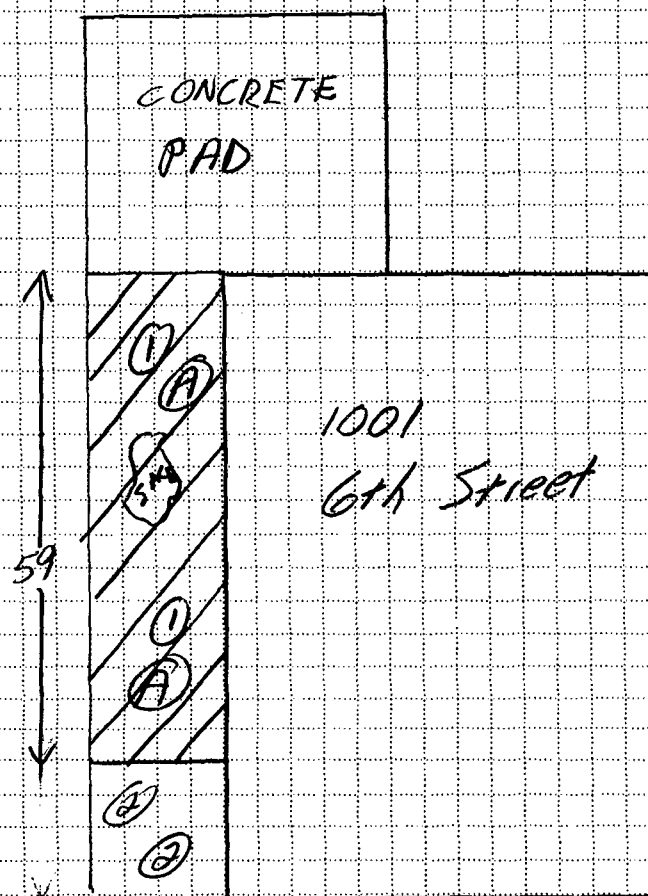
SITE SKETCH

ADDRESS:

1001 6th St. Gretna

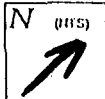
UPDATED:

L L



⊗ FORWARD TO 7/1/97

NOTES:



#	COVER	THICKNESS
1	8" grass/soil + 2" ACM	
2	6" grass/soil	

RESTORATION:

A: grass/soil
B:
C:

ARRIVAL:

DEPARTURE:

RESTORATION APPROVED BY: MARION EDWARDS VIA PHONE

1930

DATE: 6/30/97

TEAM:

DA/TP

DATE: 6/14/97

05-0564-530

CWF 6/18/97

004900

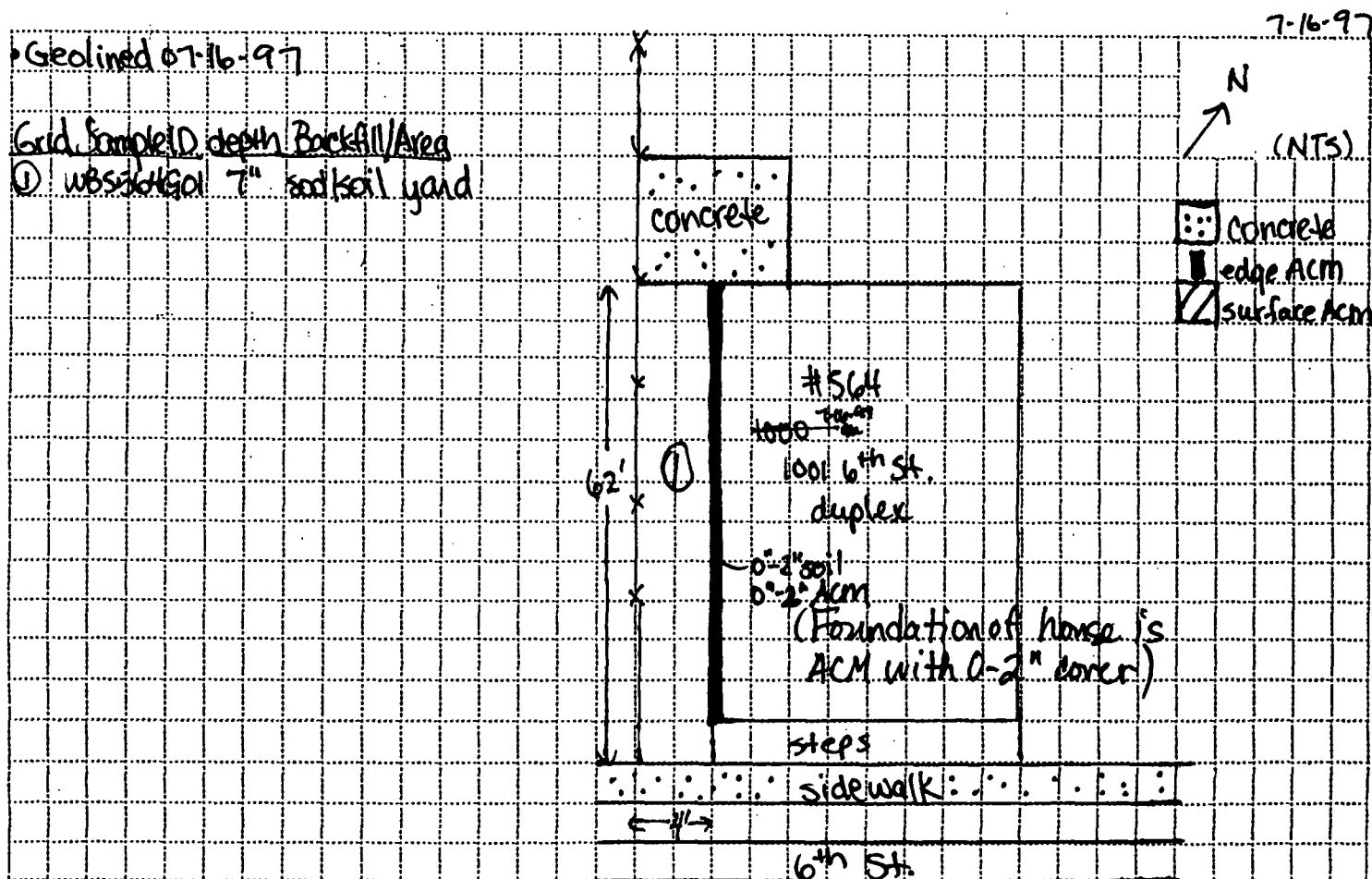
FYI:

ADDRESS: 1001 6th St.
Gretna, LA

GRID #: 1 ~~2~~ 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



05-0564-560

AUTHORIZED EPA/START REPRESENTATIVE

004901 *Maziekin*

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
 Indianapolis, Indiana 46250
 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Larry Roedl
 Ecology & Environmental
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Friday, July 18, 1997

Ref Number: IN97520

EMSL**POLARIZED LIGHT MICROSCOPY (PLM)**

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS405G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS405G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS405G03		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS405G04		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS564G01	564:1001 6TH, GRETNA	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS553G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips
 Margaret Phillips
 Analyst

[Signature]
 Approved
 Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

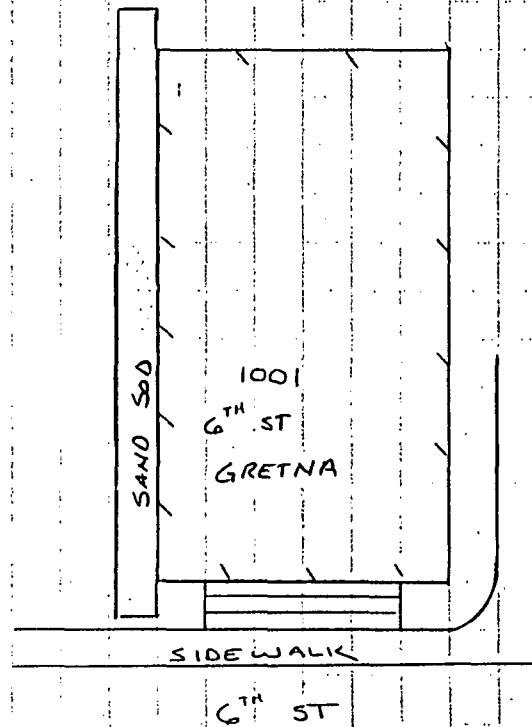
05-0564-570

004902



INTERNATIONAL
TECHNOLOGY
CORPORATION

By PM Date 7-17-97 Subject RESTORATION SITE # 564 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



05-0564-590

00490300

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 564

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					28.00		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					7.00		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

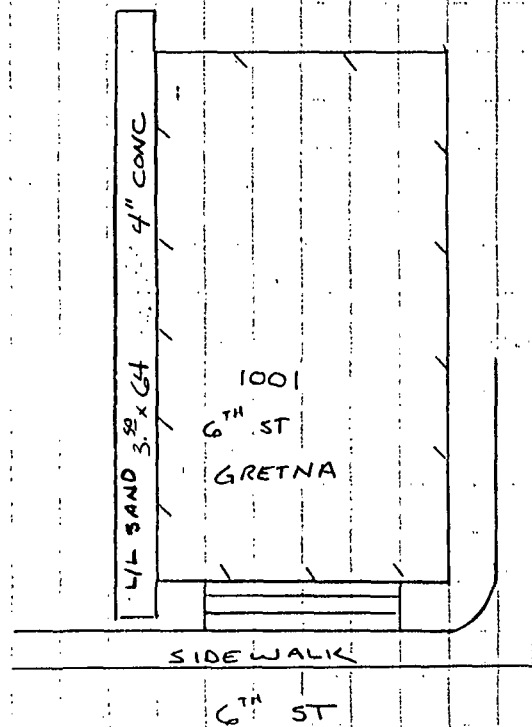
SUB 2 SIGNATURE _____

05-0564-590

004904

By PM Date 7-17-97 Subject RESTORATION SITE # 564 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____

REVISED 8-4-97



004905

05-0564-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 564

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Gravel Installation (sq.yds.)							
4" Concrete Installation (sq. yds.)							
6" Concrete Installation (sq. yds.)					25.00		
Sand Installation (sq.yds.)					3.00		
Lower Lift Sand					25.00		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					2.50		
Concrete (cu.yds.)					3.00		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

004906

05-0564-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE) ORIGINAL REVISED CANCELED			
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas		State: TX	Zip: 75202
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell		State: LA	Zip: 70456
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:		State:	Zip:
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) YES NO		Inspection Date: Jan. - Apr. 1996	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#564)		Fire Marshall Project #:	
Street Address: 1001 6th Street			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		RACM to be Removed	Nonfriable Asbestos Material Not to be Removed
		Cat I	Cat II
		UNIT	
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 4
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/7/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/7/96	Complete: 12/21/96

0049670

05-0564-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
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Address: 113 Ondine Lane		685 Bridge City Avenue	
City: Slidell	va Bridge City	State: LA	Zip: 70458
			va 70094
		Telephone #: (504)646-0039 #3(504)436-7777	

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
----------------	-----------	------------	--------------------------

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III. Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Julie S. Kof 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Julie S. Kof 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

05-0564-550

004908

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/27/94
SITE #: 564

ADDRESS: 1001 6th St
Gretna

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<i>No ACM</i>	_____

TEAM MEMBERS:

MTL/PLL

05-0564-540

1004909

FIELD DATA SHEET 1

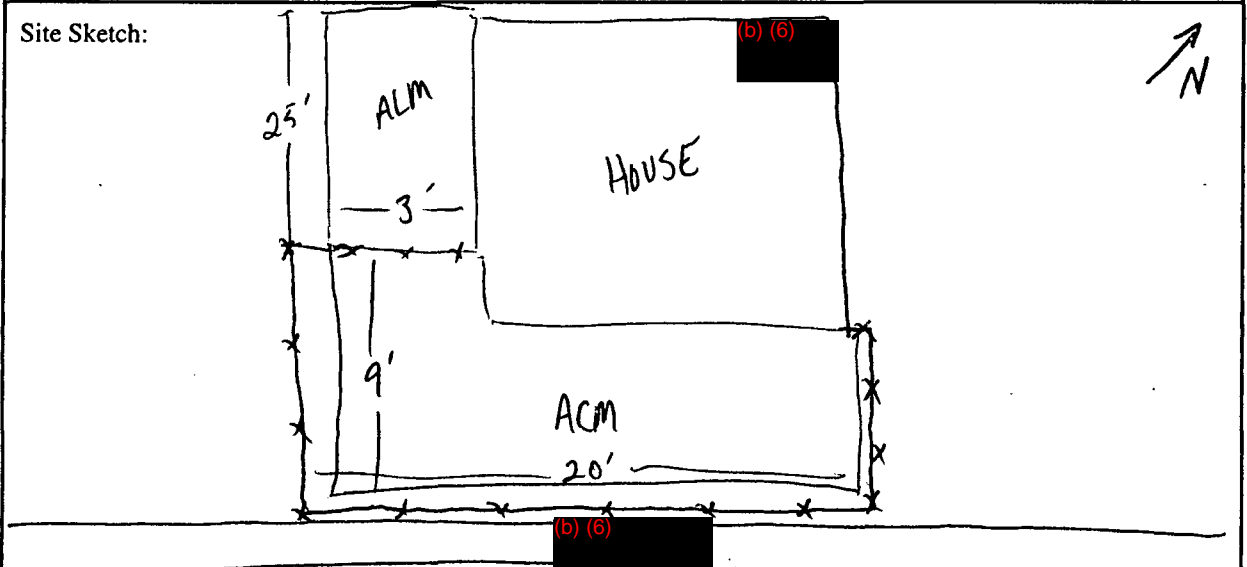
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Gretna, LA 70053</u>	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>NO</u> resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other <u>?</u> Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: Come any time. / Soil & sod

Date/Time of Interview: <u>10/8 15:00</u>	Access Granted (circle): <u>yes</u> ; no
Team Members: <u>RJ / KS</u>	

004910

05-0565-510

CONSENT FOR ACCESS TO PROPERTYWESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: La 71053

Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

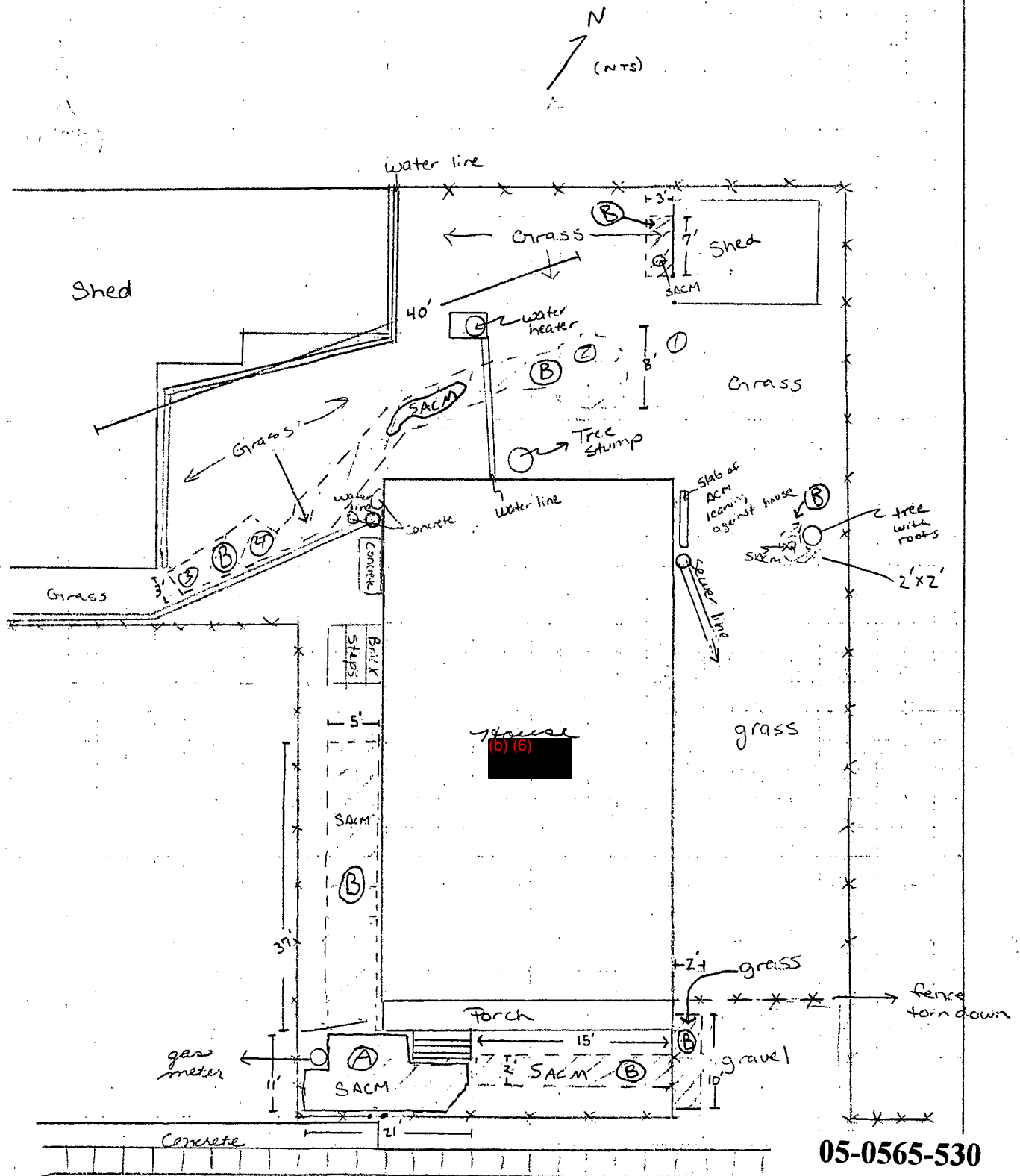
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-16-96

DATE

SIGNATURE



(b) (6)

سید محمد تقی

cover thick nose

Note: talked with owner - soil/sod is OK - see (B)

- wants concrete in front so that elderly women doesn't slip & fall

Removal + Restoration:

Area (A) - remove binches; seoline, concrete near steps

Area ③ - remove all visible not to exceed:

1 foot, geoline, sod * Note - ACM may extend beyond boundary shown in back yard & there are exposed PVC pipes in back yard
TMW 11/24/87 00

004912

Ami Phoebe

1/23/92

①	clean	—
②	4"	1"
③	4"	2"
④	4"	4"

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 565

ADDRESS: (b) (6)

Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 2-19-97 m

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

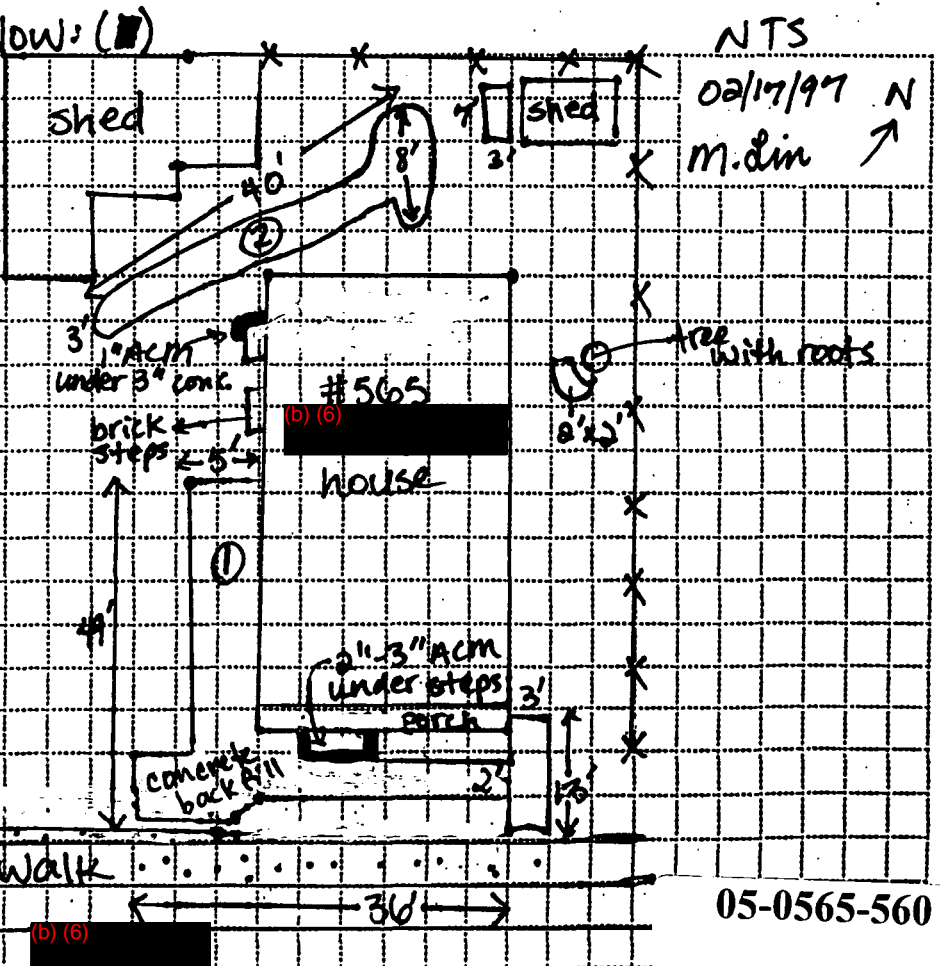
A. PROCEED WITH RESTORATION: ☒ ☒ ☐ ☐ ☐ ☐ ☐ ☐

B. FURTHER ACTION NECESSARY: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

• Visible ACM highlighted below: (b) (6)

• Excavated area was geo-lined 02/15/97

Grid	depth	backfill
①	6"	conc. walk; sod yard
②	6"	sod/soil



AUTHORIZED EPA/START REPRESENTATIVE

004913

Laurence T. Roach

05-0565-560

Westmont, NJ 609-658-4900	Placerville, NJ 800-761-8600	Carle Place, NY 516-977-7331	Manhasset, NY 212-266-0062	Seattle, WA 206-233-8007	Ann Arbor, MI 313-942-8810	San Mateo, CA 415-870-8401	Smyrna, GA 404-333-8000	Greensboro, NC 910-337-1687	Houston, TX 713-694-3038
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EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Wednesday, February 19, 1997

Ref Number: TX97453

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS565G01	(b) (6)	Brown	Teased	< 1%	Chrysotile		100% Other
		Fibrous					
		Homogeneous					
WBS565G02		Brown	Teased	< 1%	Chrysotile		100% Other
		Fibrous					
		Homogeneous					
WBS254G01		Brown	Teased	< 1%	Chrysotile		100% Other
		Fibrous					
		Homogeneous					
WBS254G02		Brown	Teased	< 1%	Chrysotile		100% Other
		Fibrous					
		Homogeneous					

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

2

05-0565-570

4914

WESTBANK ASBESTOS ABATEMENT PROJECT
NEW ORLEANS, LA.

DAILY QA SITE

RESTORATION REPORT

DATE: 3-19-97 FOREMAN: David Minton SITE NO.: 565
SUBCONTRACTOR: NOLA START: _____
CREW NO.: _____ STOP: _____ ADDRESS: (b) (6)
START TIME: _____ TOTAL HOURS: _____
STOP TIME: _____ WEATHER: Overcast 6:27pm

CHECKLIST

<input checked="" type="checkbox"/> Confirmation Sample Results	<input type="checkbox"/> Restoration Area Measured	<input type="checkbox"/> Post Photo
<input type="checkbox"/> Barricades Removed	<input type="checkbox"/> Pre-Photo	<input checked="" type="checkbox"/> Tailgate Meeting
<input type="checkbox"/> Edging Installed	<input type="checkbox"/> Progress Photo	<input type="checkbox"/> Restoration Complete

SUMMARY

NOLA removed the form boards from around the front step area while doing so the owner complained that the concrete was not satisfactory. NOLA contacted IT Foreman D. Minton who spoke to the owner. The owner an elderly lady explained that she was supposed to have concrete from the edge of her porch all the way to the fence on the right hand side. Upon ~~review~~ reviewing the restoration drawing the site was restored with sand and sod as called for. I also reviewed the start team drawing in which is called area B this area indicates that the resident approved soil & sod in this area. I explained to the resident that All I could do was speak to the EPA and address her concern to them. The resident also said a section of top rail was missing from her fence there is no physical evidence that one existed by ~~the~~ I ~~the~~ told her I would have to review the video and if the rail was there that we would replace it at no expense to her.

05-0565-550

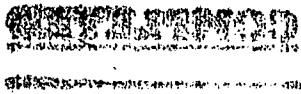
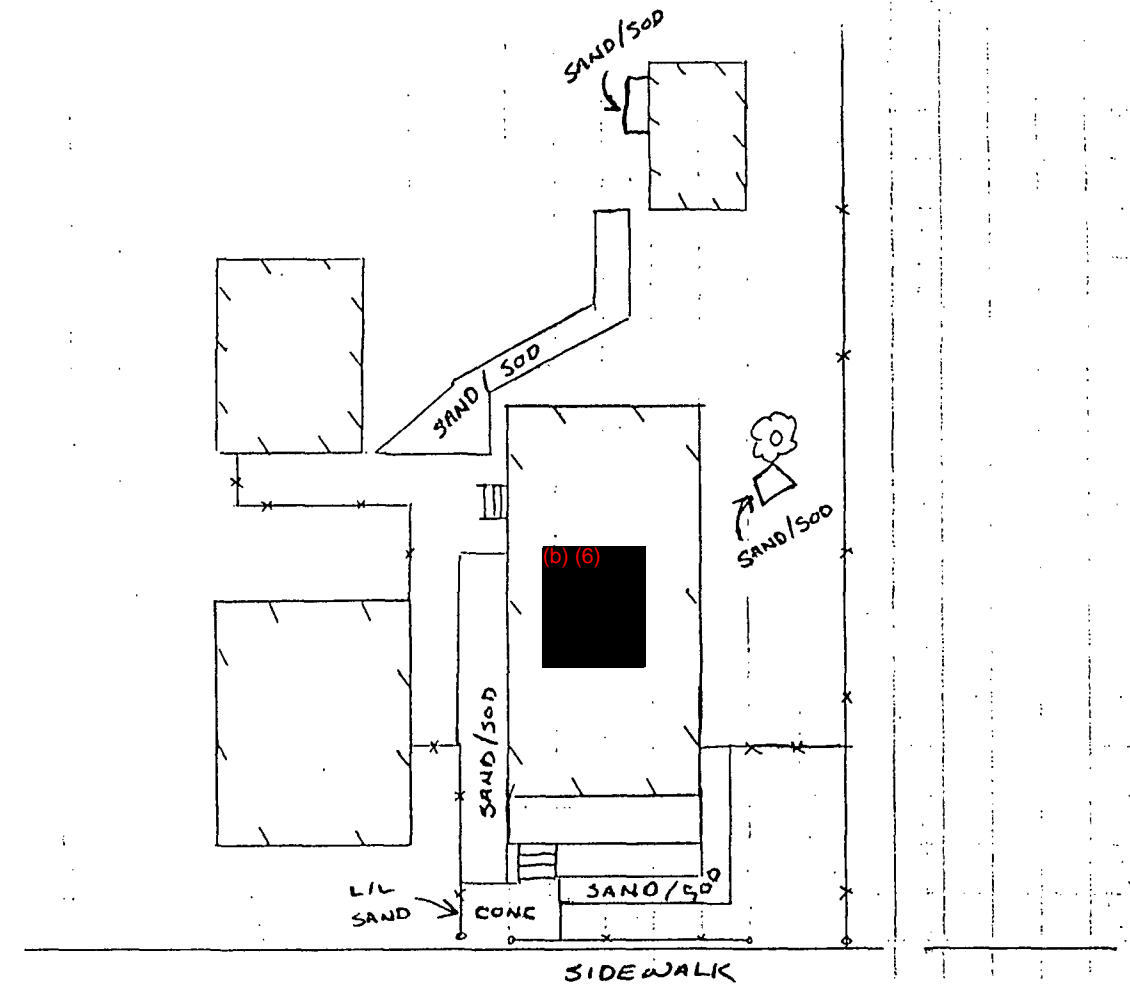
004915



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 2-17-97 Subject RESTORATION SITE # 565 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



004916

05-0565-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors #3 Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane #3 685 Bridge City Avenue

City: Slidell #3 Bridge City State: LA Zip: 70458 #3 70094 Telephone #: (504)646-0039
#3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Jackie P. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Jackie P. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

004917

05-0565-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested	1	Parish #	1340	Source #		ADVF #	
I. TYPE OF NOTIFICATION		(CIRCLE ONE)		ORIGINAL		REVISED CANCELED	
II. FACILITY INFORMATION				Contact: John Martin			
OWNER NAME: U.S. EPA Region 6				Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave							
City: Dallas		State: TX		Zip: 75202			
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445		DEQ ID #: 7S00008			
Address: 113 Ondine Lane							
City: Slidell		State: LA		Zip: 70456			
Contact: Gerald Avery		Telephone: 504-646-0039					
OTHER OPERATOR:		DEQ Project Designer #:					
Address:							
City:		State:		Zip:			
Contact:		Telephone:					
III. TYPE OF OPERATION		(CIRCLE ONE)		Demo Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT?		(CIRCLE ONE)		YES NO Inspection Date: Jan. - Apr. 1996			
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 610685					
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)							
Building/Component Name: Home (#565)		Fire Marshall Project #:					
Street Address: (b) (6)							
City: Gretna		State: LA		Zip: 70053		Parish: Jefferson	
Site Location: In front of house		Telephone: NA					
Building Size: NA		# of Floors: NA		Age in Years: NA			
Present Use: NA		Prior Use: NA					
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116							
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:		RACM to be Removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
1. Regulated ACM to be removed							
2. Category I ACM not removed							
3. Category II ACM not removed							
				Cat I Cat II		UNIT	
Pipes						Ln Ft: Ln m:	
Surface Area						Sq Ft: Sq m:	
Vol RACM off Facility Component						Cu Ft: Cu yds: 5	
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/7/96		Complete: 12/21/96			
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/7/96		Complete: 12/21/96			

004918

05-0565-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/27/98
SITE #: 565

ADDRESS: (b) (6)
Gretz

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

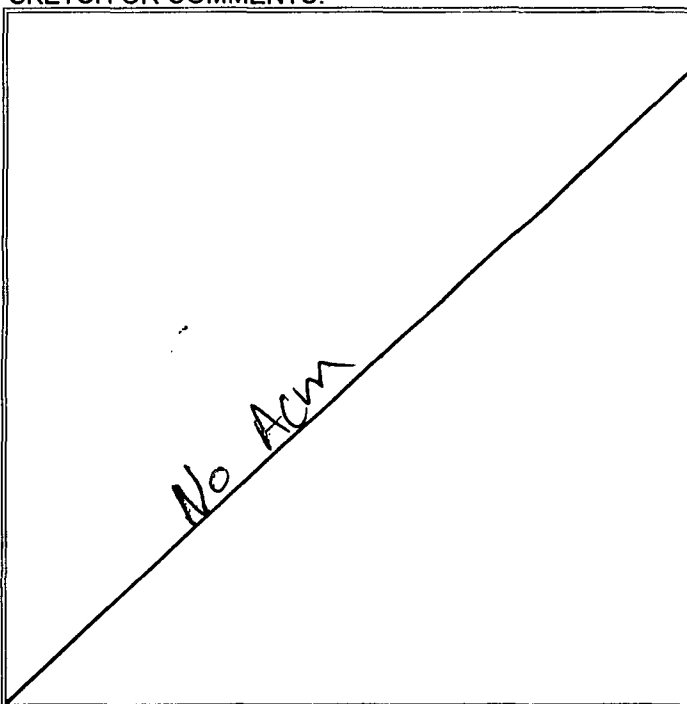
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	_____

TEAM MEMBERS: MTL/PLL

05-0565-540

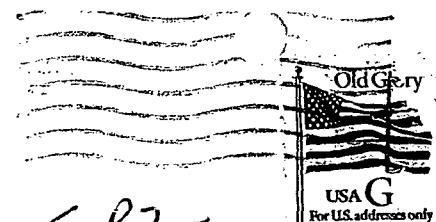
004919

1104920

(b) (6)
(b) (6)

P.O. Box or Street Address
GREYNA LA
City State Zip Code

Apt. Number
70053
Zip Code

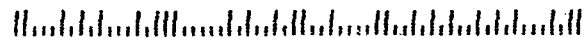


OPENED BY
SERVICE DESK
SEP 19 1996

6 SF-R2
John Martin
EPA
1445 Ross Avenue, Suite 1200
Dallas, Tex.

75202-2733

009-5950-50

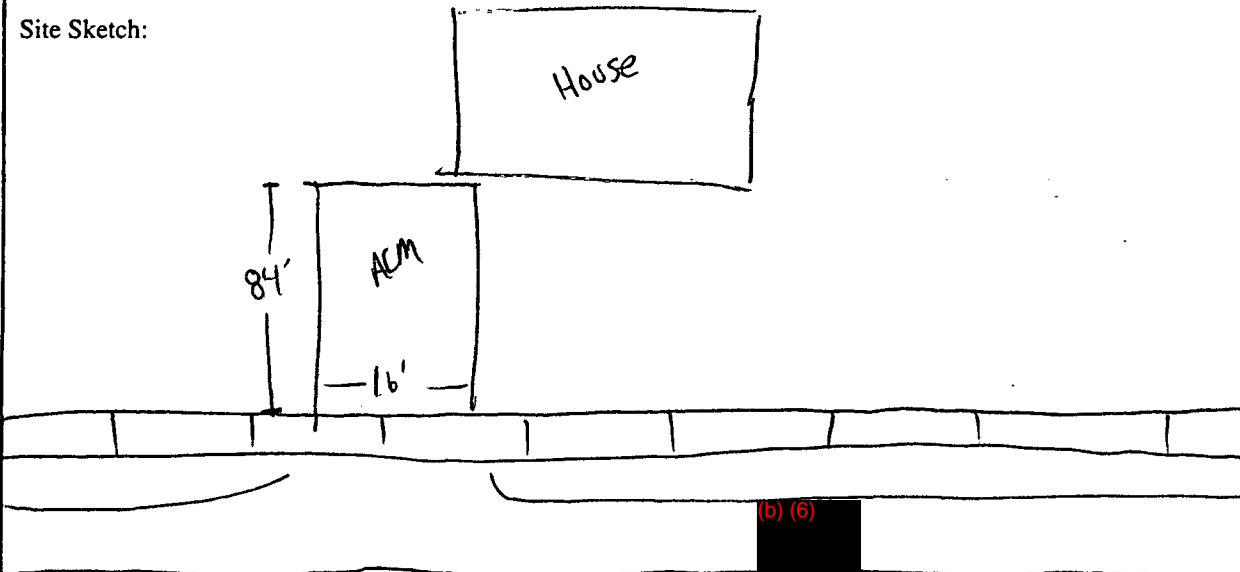


FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Gretna, LA. 70053</u>	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) ? (b) (6) (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____	
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>no</u> resolution: _____	
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.	
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____	
Site Sketch: 	
Estimated Volume of ACM: _____	
Comments: <u>Gravel/edging as per access agreement</u>	
Date/Time of Interview: <u>10/8 15:30</u>	Access Granted (circle): <u>yes</u> ; no
Team Members: <u>KJ / KS</u>	

566

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6) , Gretna
State/Zip: LA Phone Number(s): _____

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10-8-96
DATE

(b) (6)
SIGNATURE

Gravel edging

004922'

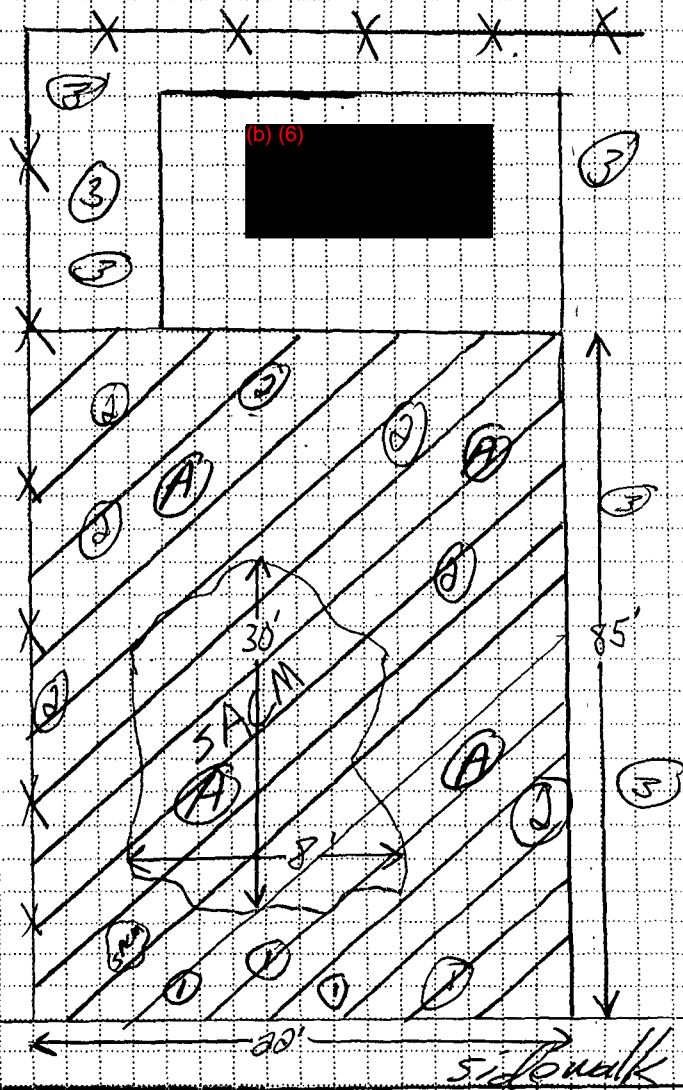
05-0566-520

TRACKING # 566

SITE SKETCH

ADDRESS: (b) (6)

Hietna

UPDATED: 1/1

NOTES:



SACM - 8' x 30'
House is abandoned, used
as storage.

RESTORATION: A: limestone
B:
C:

ARRIVAL:
DEPARTURE:

TEAM: DA/TP

RESTORATION APPROVED BY: VIA ACCESS AGREEMENT

DATE: 8/13/97

DATE: 6/10/97
4923

AND EPA
T. Winkler

WLT
8/13 2/

GWF 6/10/97

05-0566-530

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 566

ADDRESS: (b) (6)

Gretna, La

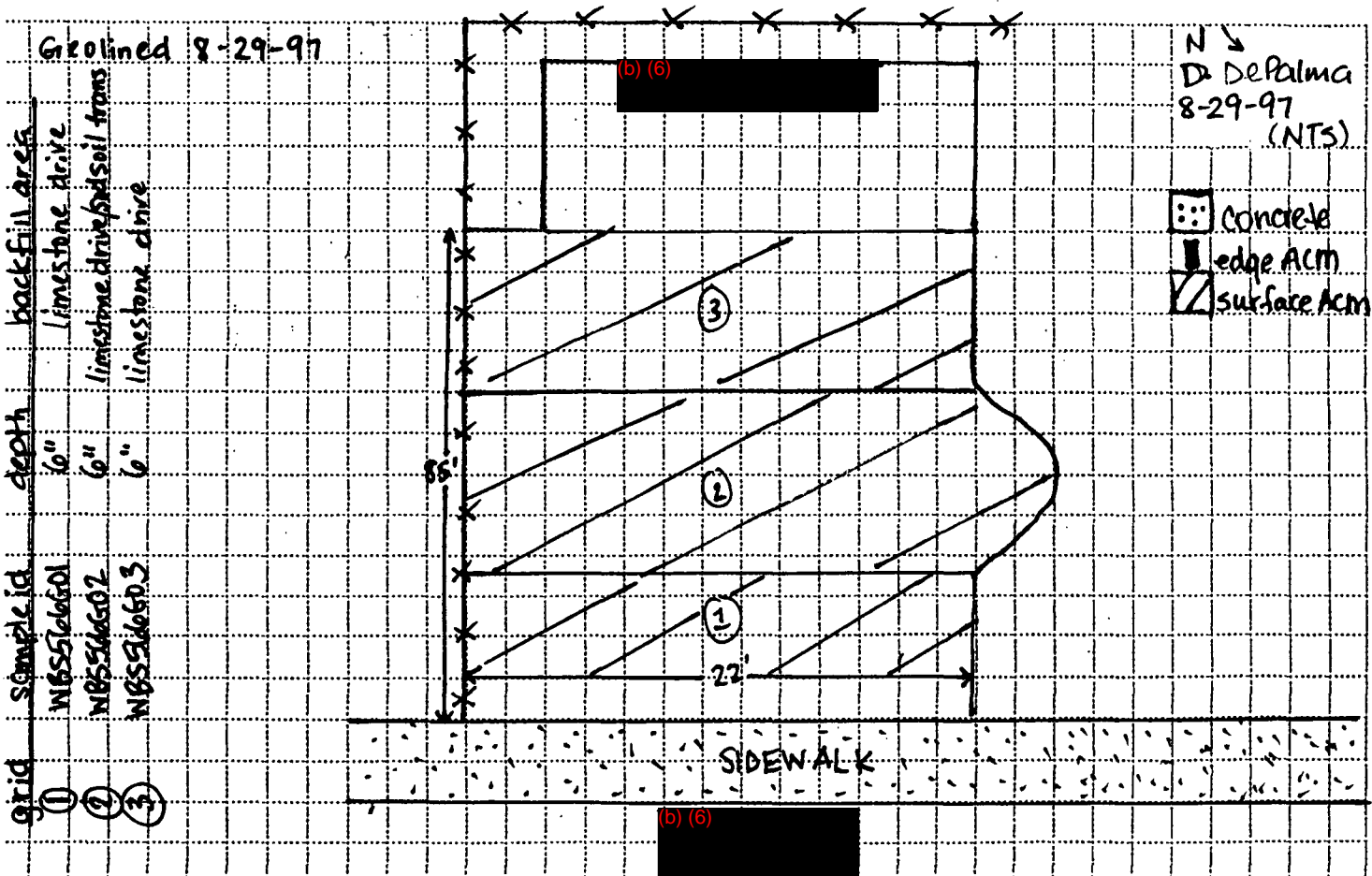
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 8-29-97 (no analytical needed) min

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒ ☒ ☒ ☐ ☐ ☐ ☐ ☐

B. FURTHER ACTION NECESSARY: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐



05-0566-560

AUTHORIZED EPA/START REPRESENTATIVE Deanna DePalma

004924

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
 Indianapolis, Indiana 46250
 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Deena DePalma
 Ecology & Environmental
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Wednesday, September 03, 1997

Ref Number: IN97974

POLARIZED LIGHT MICROSCOPY (PLM)

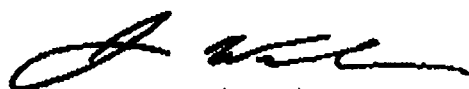
Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

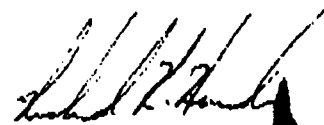
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS5681G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			20% Quartz 78% Other
WBS5681G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other
WBS568G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other
WBS568G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected			80% Quartz 20% Other
WBS568G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS977G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method



Jane Wasilewski
 Analyst



Approved
 Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188 Q).

05-0566-570

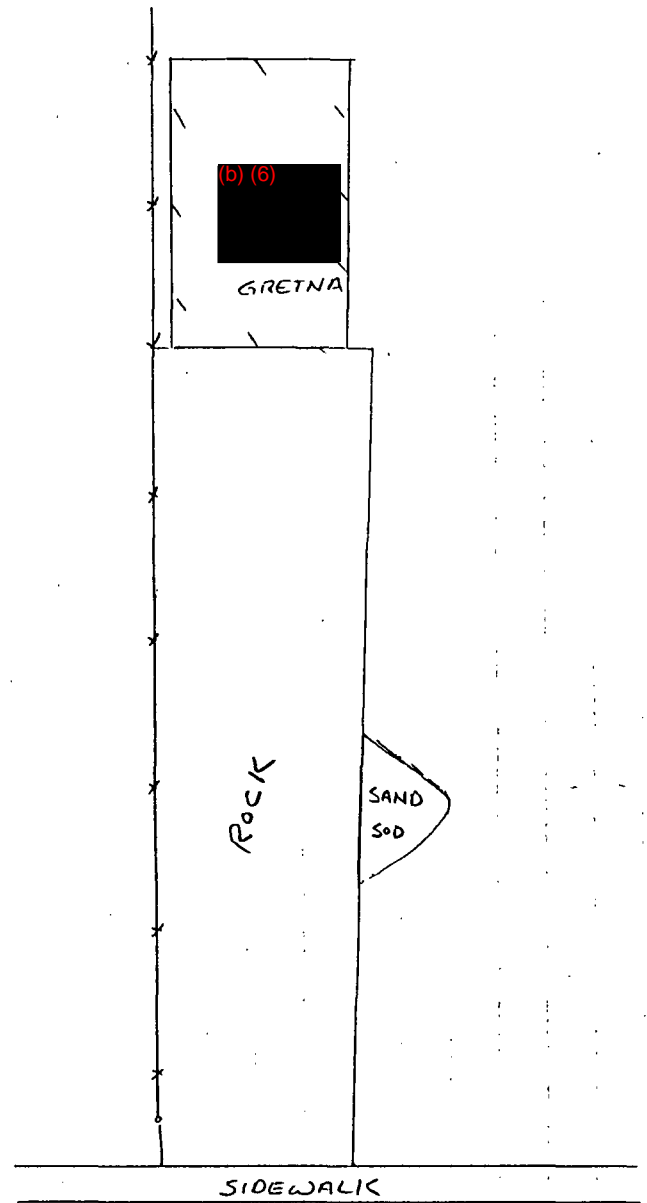
004925



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 9-3-97 Subject RESTORATION SITE # 566 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



05-0566-590

004926

WESTBANK ASBESTOS ABATEMENT

NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 566

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					199. ⁰⁰		
Sod Installation (sq.yds.)					7. ⁰⁰		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					7. ⁰⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					56. ⁰⁰		
Sand (cu.yds.)					2. ⁰⁰		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

05-0566-590

004927



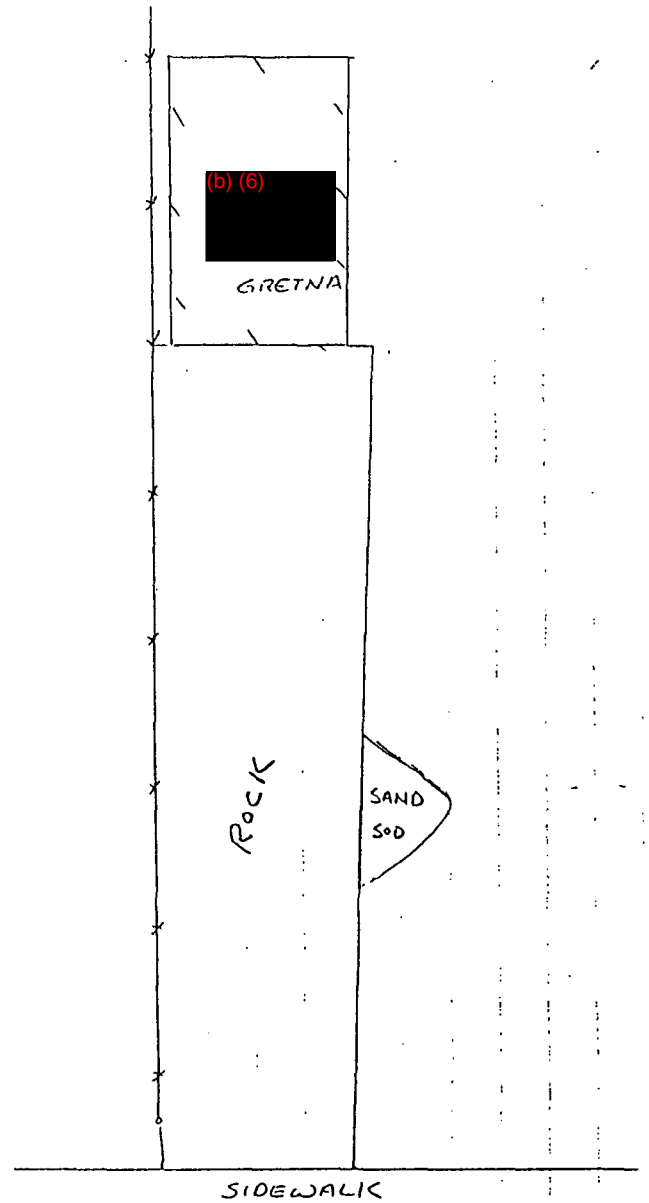
INTERNATIONAL
TECHNOLOGY
CORPORATION

NOLA



By PM Date 9-3-97 Subject RESTORATION SITE # 566 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____

ISSUED 9-8-97



004928

05-0566-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 3	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE) ORIGINAL REVISED CANCELED			
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas		State: TX	Zip: 75202
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell		State: LA	Zip: 70456
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:		State:	Zip:
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) YES NO Inspection Date: Jan. - Apr. 1996			
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#566)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: In front of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		RACM to be Removed	Nonfriable Asbestos Material Not to be Removed
		Cat I	Cat II
		UNIT	
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 25
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/11/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/11/96	Complete: 12/21/96

004929

05-0566-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors [#] Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane [#] 685 Bridge City Avenue

City: Slidell [#] Bridge City State: LA Zip: 70458 [#] 70094 Telephone#: (504)646-0039
#3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John P. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John P. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S. 40:1574 A & B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

004930

05-0566-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/27/98
SITE #: 566

ADDRESS: (b) (6)
Gretna

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

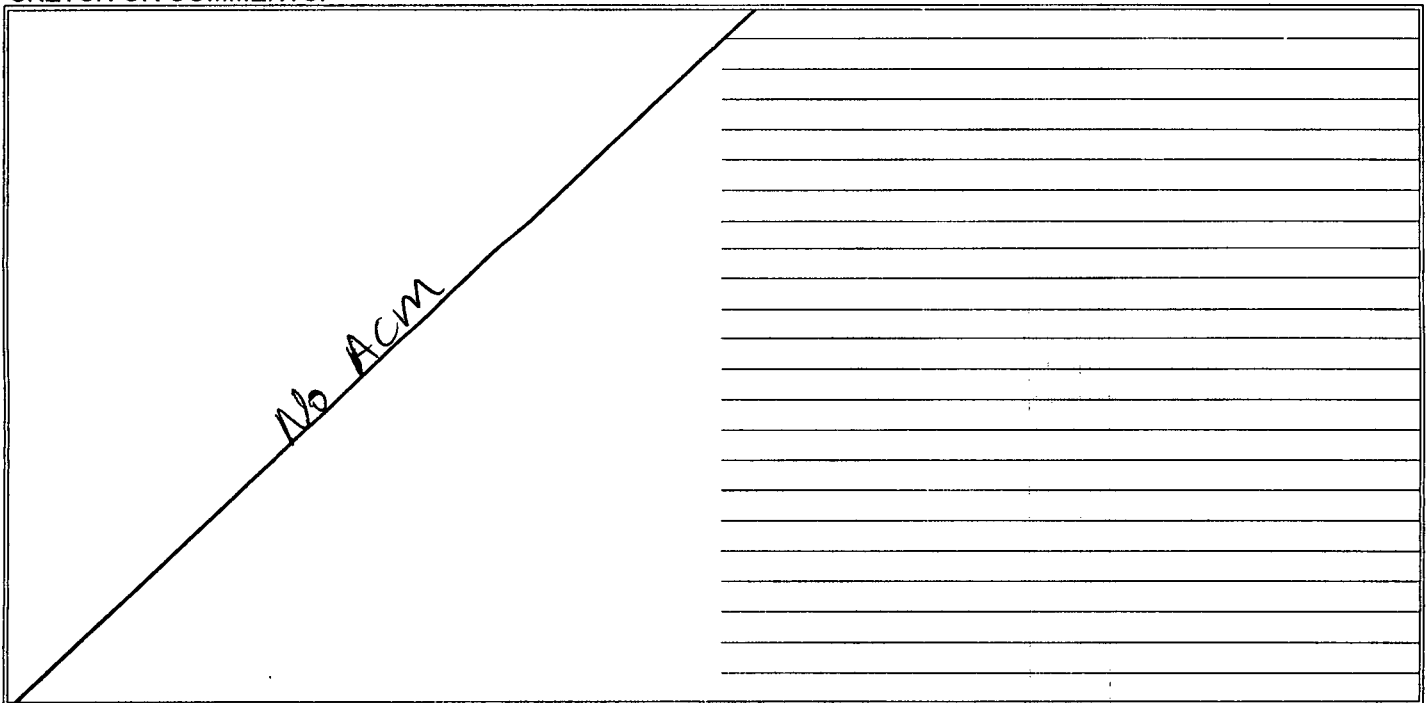
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

TEAM MEMBERS: MTL/PLL

05-0566-540

004931

10/19/96 mailed access to owner
12/4/96 mailed to Dallas 11/29/96

Tracking Number 567

update 6/24

FIELD DATA SHEET 1

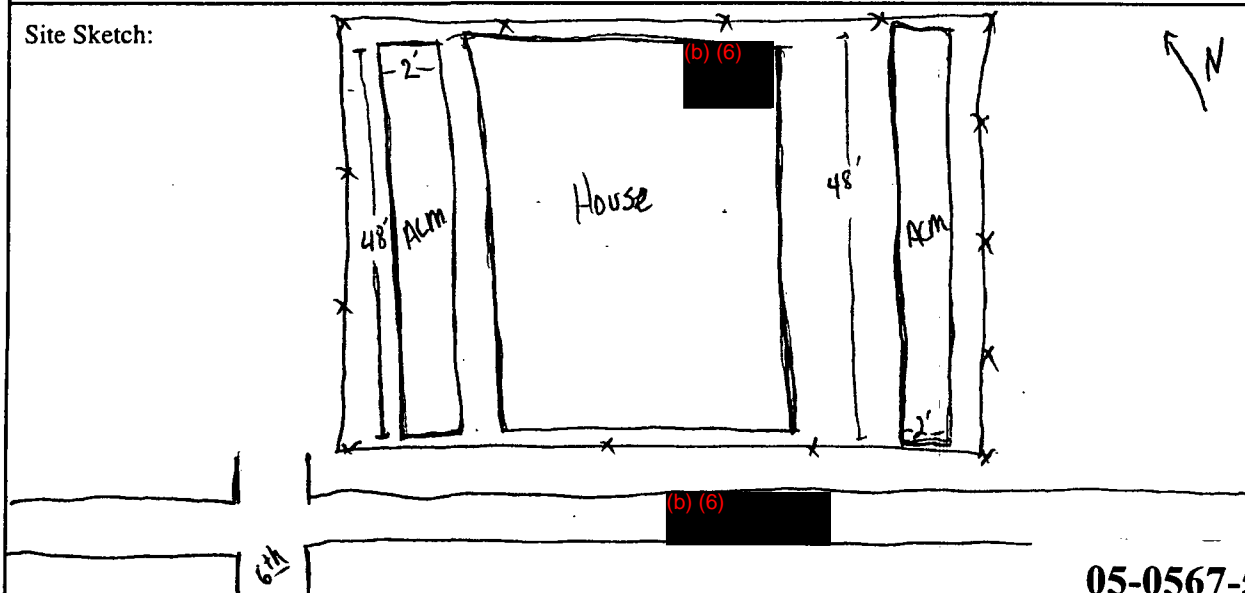
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Gretna, LA</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) <i>Call daughter to get address</i>	
(Daughter) Contact: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; <u>gate</u> ; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



05-0567-510

Estimated Volume of ACM: _____

Comments:

crushed limestone on left + side
dirt & grass

contact the daughter

10/19/96 mailed

Date/Time of Interview: 10/19/96 1330

Access Granted (circle): yes; no 12/17

Team Members:

M Lin by phone with

(b) (6)

son-

004932

*in-law of (b) (6)
says he gave it to 2 guys spearheading the project at St. Joseph the Worker church.
Told him we would look for it. 11/18/96 mlin*

367

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: LA 70053 Phone Number(s):

Mietna

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11/28/96
DATE

(b) (6)

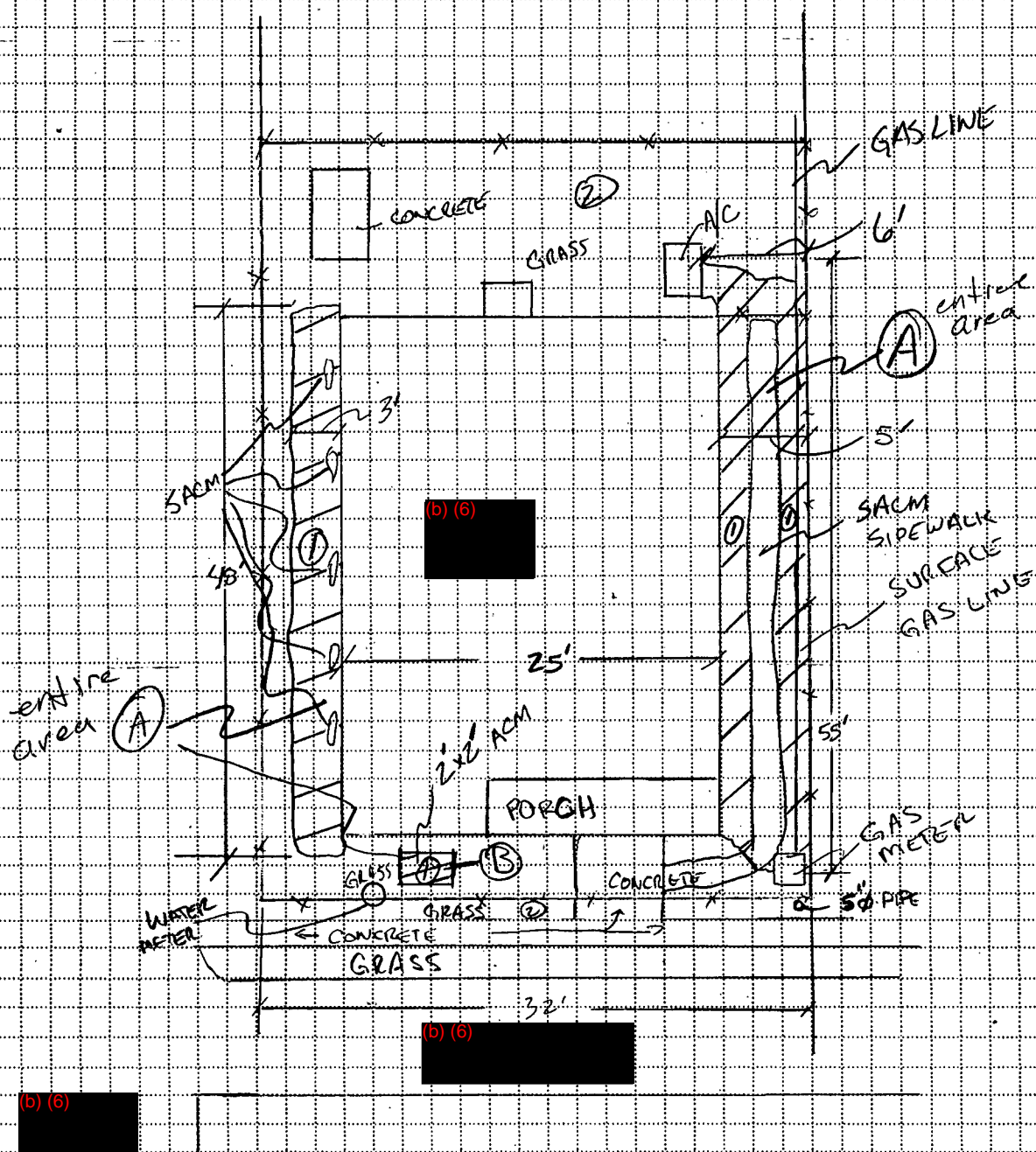
SIGNATURE

05-0567-520

004933

UPDATED: 6/11/97

6/23/97



NOTES:

N (NTS)

OWNER NOT HOME CALL TO VERIFY

#	COVER	THICKNESS
1	GRASS 0-2"	3' ACM
2	GRASS	NO ACM

RESTORATION: A: Limestone

B: SOIL/GOO

C: Concrete walkway (to back of house)

ARRIVAL: 0830

DEPARTURE: 0940

RESTORATION APPROVED BY: (b) (6)

05-0567-530

TEAM: MM/SD

DATE: 6/11/97

(phone) DATE: 6/23/97

004934

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 567

ADDRESS: (b) (6)

Gretna, LA

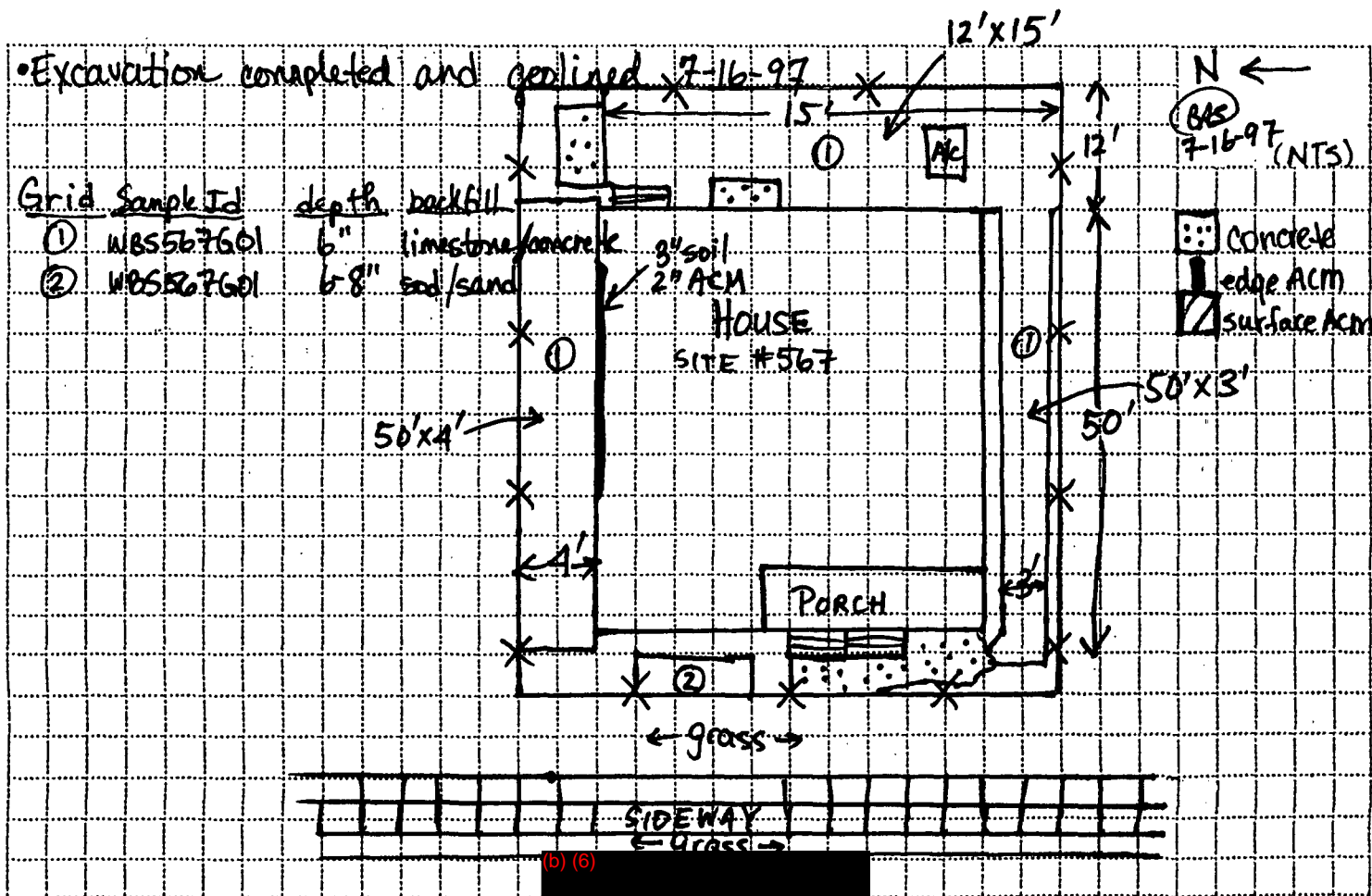
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 7-21-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒ ☒

B. FURTHER ACTION NECESSARY: ☐ ☐



05-0567-560

AUTHORIZED EPA/START REPRESENTATIVE

004935

Maguadin

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
 Indianapolis, Indiana 46250
 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Larry Roedl
 Ecology & Environmental
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Friday, July 18, 1997

Ref Number: IN97520

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS567G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	1% Chrysotile 1% Crocidolite			80% Quartz 18% Other
WBS567G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS634G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS630G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS868G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips
 Margaret Phillips
 Analyst

[Signature]
 Approved
 Signatory

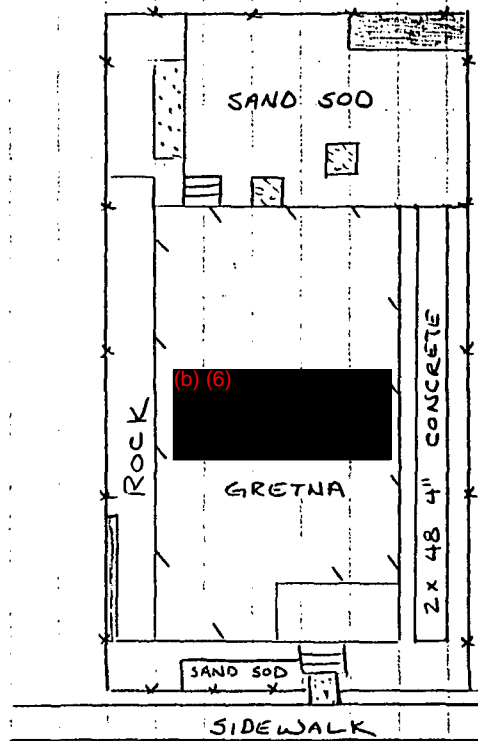
Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200189-0).

2

05-0567-570

004936

By PM Date 7-17-97 Subject RESTORATION SITE # 567 Sheet No. of
Chkd. By Date Proj. No.



05-0567-590

004937

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 567

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					23. ⁵⁰		
Sod Installation (sq.yds.)					52. ⁵⁰		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)					10. ⁵⁰		
Sand Installation (sq.yds.)					50. ⁰⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					5. ⁰⁰		
Sand (cu.yds.)					12. ⁰⁰		
Concrete (cu.yds.)					1. ⁵⁰		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

05-0567-590

0049381



INTERNATIONAL
TECHNOLOGY
CORPORATION

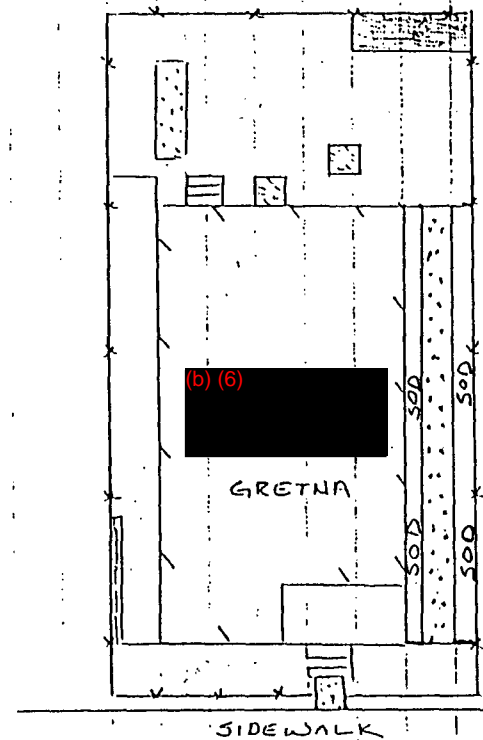


By PM Date 10-14-97 Subject Restoration site # 567 II Sheet No. of

Chkd. By Date Proj. No.

567

PHASE II



05-0567-590

010100
004939

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 567 II

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Gravel Installation (sq.yds.)					15.00		
3" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

004940

05-0567-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM
FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE) <u>ORIGINAL</u> REVISED CANCELED			
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas		State: TX	Zip: 75202
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell		State: LA	Zip: 70456
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:		State:	Zip:
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE) <u>Demo</u> Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) <u>YES</u> NO		Inspection Date: Jan. - Apr. 1996	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 610685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#567)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: ① Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		RACM to be Removed	Nonfriable Asbestos Material Not to be Removed
		Cat I	Cat II
		UNIT	
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 4
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/1/96	Complete: 12/2/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/1/96	Complete: 12/2/96

004941

05-0567-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	VA Vaughan Contractors	Contact Person: Jerry Avery	R.P. Vaughan
Address: 113 Ondine Lane			
685 Bridge City Avenue			
City: Slidell	Bridge City	State: LA	Zip: 70458
			70094
Telephone#:		(504)646-0039	
		#3(504)436-7777	

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)
Location: 5800 Avondale 90 West
City: Avondale
State: LA
Zip: 70094
Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John F. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John F. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

004942

05-0567-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-6-98

ADDRESS: (b) (6)

SITE #: 567

GRETNA, LA

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

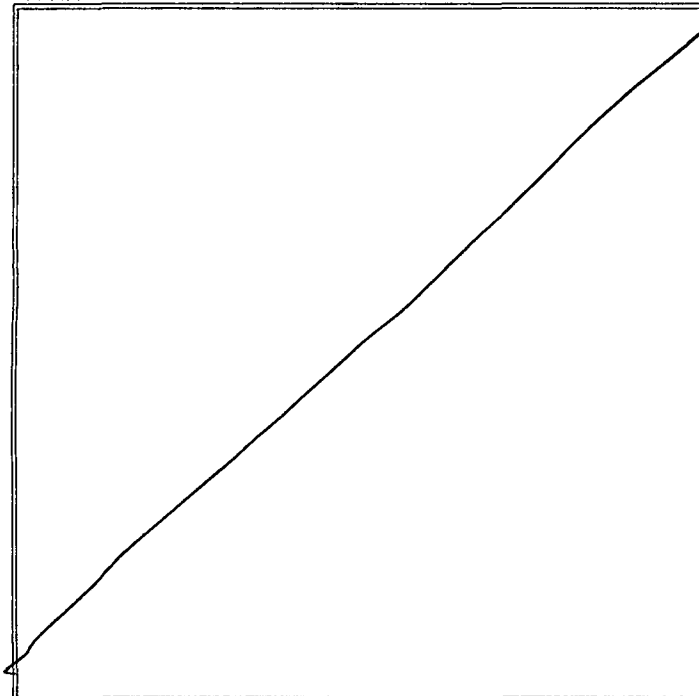
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	LATTICE BOARDS BETWEEN HOUSE
	AND THE GROUND. COULD NOT
	INSPECT UNDER THE HOUSE.
	NO VISIBLE ACM

TEAM MEMBERS:

John

05-0567-540

004943

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Gretna, LA 70053</u>	
Phone No.: _____	
Owner Name, Address, and Phone No. if Different Than Occupant: _____	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>NO</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): <u>yes</u> ; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:

Garage

10'

House

ACM

46'

(b) (6)

Estimated Volume of ACM: _____

Comments:

Soil + grassDate/Time of Interview: 9/24/96Access Granted (circle): yes; no

Team Members:

Rhodes / Thibodeaux

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6)
State/Zip: GRETNA, LA Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-24-96
DATE

(b) (6)
SIGNATURE

05-0568-520

004945

No. 5505
Engineer's Computation Pad



Cover Thickness

- ① 3" trace
- ② 5" 2"
- ③ 1/2" 2"
- ④ 1/2" 2"
- ⑤ 6" trace
- ⑥ 1 1/2" 1 1/2" → (red brick-like material that may contain asbestos)
- ⑦ 3" 2"
- ⑧ 1/2" 3"
- ⑨ 0 3"
- ⑩ 1" 1-2"

Vacant Lot owned by
the City of Grctna

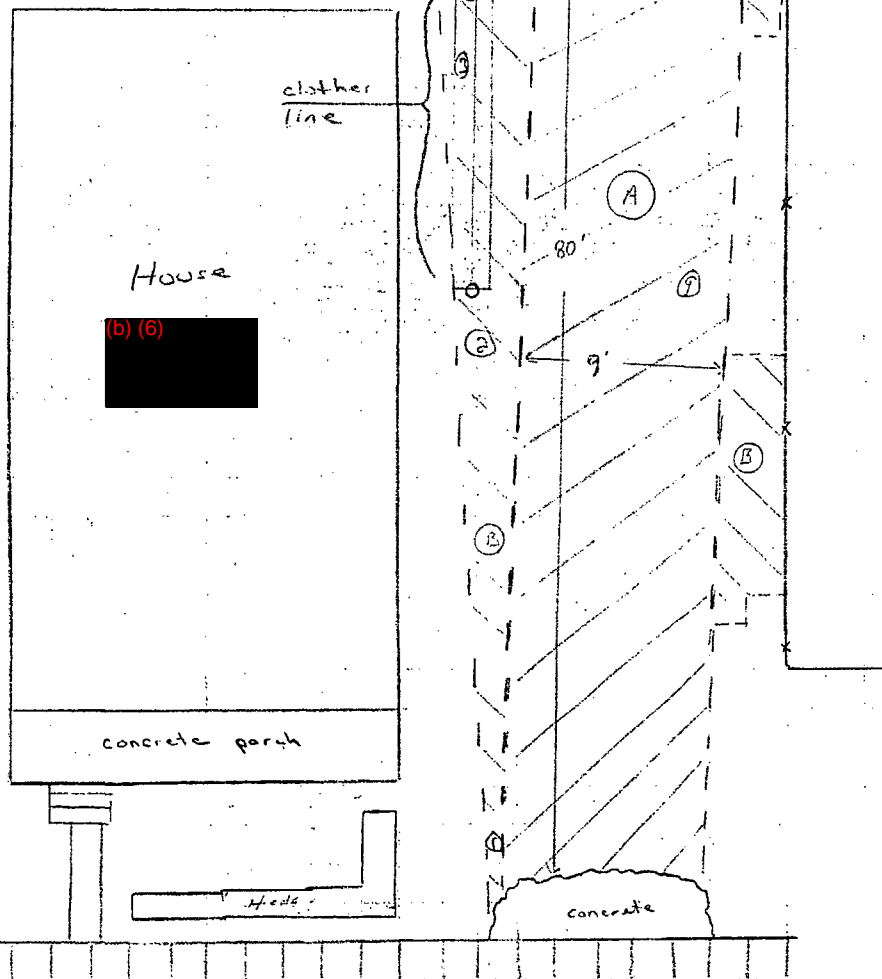
Removal & Restoration

Area ① - Driveway -
remove 6 inches, shells
under ACM, seal line,
restore at angle with
limestone 9' X 80'

Area ② - Yard - remove
to up to 7 inches, in back,
(by core ②)
rest should be clean at
6 inches, seal line, sod

1225 hrs 1/18/97 -
Spoke with (b) (6)
OK with restoration
as shown - TMA

Approved John Martin



Troy M. Abguin
1-18-97

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE#

568

ADDRESS:

(b) (6)

Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 12-31-97 and 02-05-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 5 6 7 8

A. PROCEED WITH RESTORATION:

✓ ✓



✓

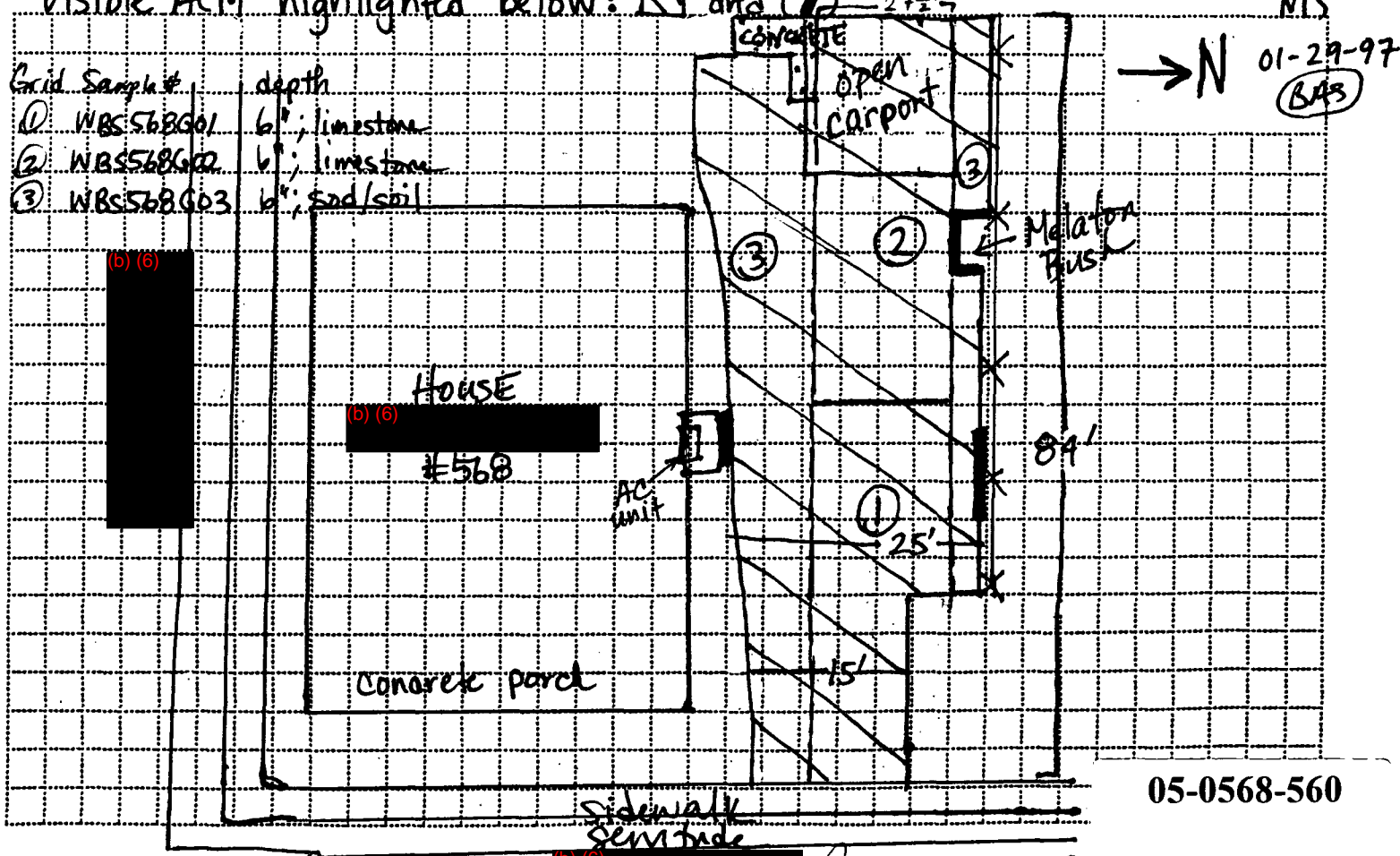
— — — — —

B. FURTHER ACTION NECESSARY:

entire area geo-lined

— — — — —

• Visible ACM highlighted below:  and 



AUTHORIZED EPA/START REPRESENTATIVE

004947

Barbara A. Storey



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

REC'D FEB 06 1997

Friday, January 31, 1997

Ref Number: TX97280

POLARIZED LIGHT MICROSCOPY (PLM)

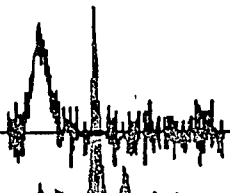
Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS568GO1	568	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS568GO2	568	Tan Non-Fibrous Homogeneous	Teased	5% Chrysotile < 1% Crocidolite			95% Other
WBS568GO3	568	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS308G2B	308,309,310	Tan Non-Fibrous Homogeneous	Teased	4% Chrysotile < 1% Crocidolite			96% Other
WBS308G4B	308,309,310	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS308G5B	308,309,310	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas
Analyst

Approved
Signatory



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1		Parish # 2240		Source #		ADVF #	
I. TYPE OF NOTIFICATION (CIRCLE ONE)				ORIGINAL		REVISED CANCELED	
II. FACILITY INFORMATION				Contact: John Martin			
OWNER NAME: U.S. EPA Region 6				Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave							
City: Dallas				State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.				La. Contractor's License #: 26445		DEQ ID #: 7S00008	
Address: 113 Ondine Lane							
City: Slidell				State: LA		Zip: 70456	
Contact: Gerald Avery				Telephone: 504-646-0039			
OTHER OPERATOR:				DEQ Project Designer #:			
Address:							
City:				State:		Zip:	
Contact:				Telephone:			
III. TYPE OF OPERATION (CIRCLE ONE)				<input checked="" type="radio"/> Demo Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)				<input checked="" type="radio"/> YES NO Inspection Date: Jan. - Apr. 1996			
Inspector's Name: Debra Bendily (LDEQ)				Inspector's Accreditation #: 650685			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)							
Building/Component Name: Home (#568)				Fire Marshall Project #:			
Street Address: (b) (6)							
City: Gretna		State: LA		Zip: 70053		Parish: Jefferson	
Site Location: On side of house				Telephone: NA			
Building Size: NA		# of Floors: NA		Age in Years: NA			
Present Use: NA				Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116							
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: <input checked="" type="checkbox"/> 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		RACM to be Removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
				Cat I	Cat II	UNIT	
Pipes						Ln Ft:	Ln m:
Surface Area						Sq Ft:	Sq m:
Vol RACM off Facility Component						Cu Ft:	Cu yds: 9
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)				Start:		Complete:	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)				Start:		Complete:	

0049490

05-0568-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: ^{#1} Quality Contractors ^{#3} B. S. Equipment ^{Vaughan Contractor}	Contact Person: Jerry Avery ^{#3} H.P. Vaughan
Address: 113 Ondine Lane ^{#3} 685 Bridge City Ave	
City: Slidell ^{#3} Bridge City	State: LA
Zip: 70458 ^{#3} 70094	Telephone#: 504-646-0039 ^{#3} 354-436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment, Co Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: 504-340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kellum Landfill)			
Location: 5800 Highway 90 West			
City: Avondale	State: LA	Zip: 70094	Telephone: 504-436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

(Signature of Owner/Operator/Contractor)

(Date)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

(Signature of Owner/Operator/Contractor)

(Date)

PURSUANT TO R.S. 40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

004950

05-0568-550



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 1-31-97 Subject RESTORATION SITE # 568

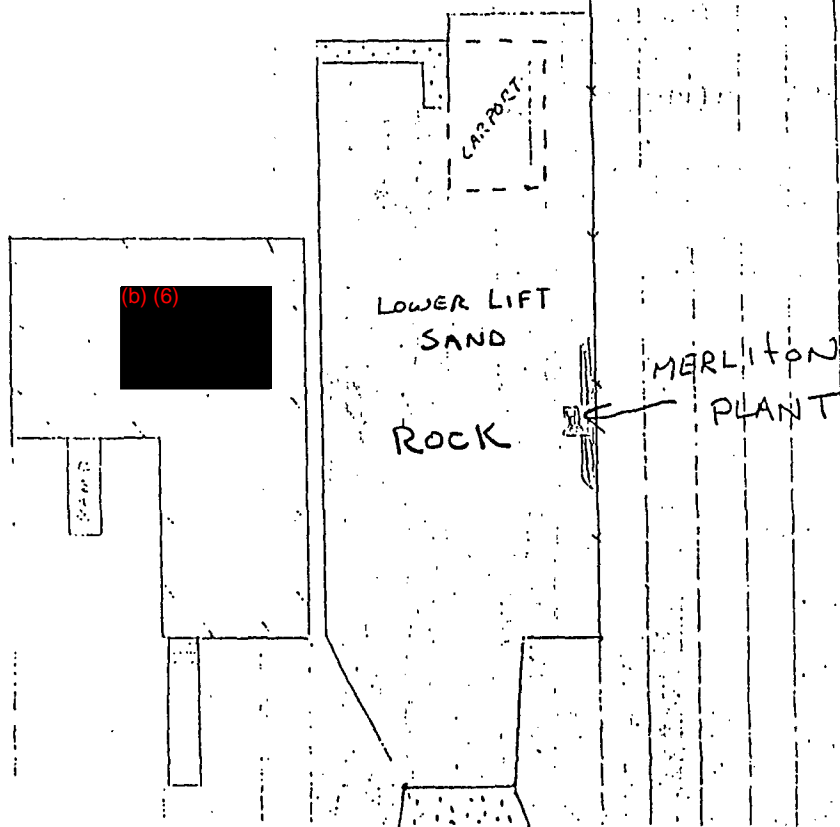
Sheet No. _____ of _____

Chkd. By _____ Date _____

Proj. No. _____

NOTE:

BE CAREFUL AROUND
MERLITON PLANT,
DO NOT DAMAGE.



(b) (6)

004951

05-0568-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-6-94

ADDRESS: (b) (6)

SITE #: 568

GRETN LA

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

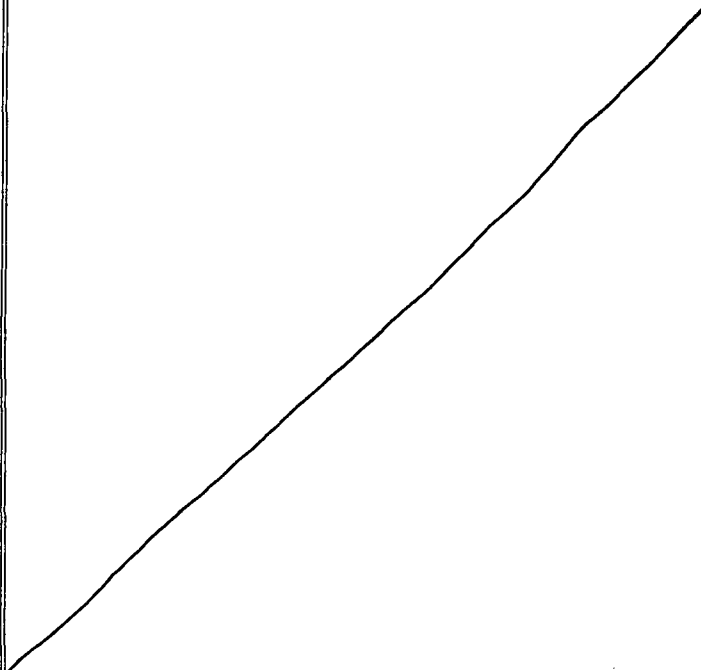
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	<u>NO VISIBLE ACM</u>

TEAM MEMBERS: John

05-0568-540

• 04952

FIELD DATA SHEET 1

Site Information:

Occupant: <u>School / Doty Bailey (Principal)</u>	Interviewee: <u>drive-by</u>
Address: <u>701 Amelia St, Metairie, LA</u>	
Phone No.: <u>504-366-3582</u>	
Owner Name, Address, and Phone No. if Different Than Occupant: <u>Jefferson Parish Public School</u>	

Site Description:

1) Description of property (circle): single home; duplex; business; <u>school</u> ; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): <u>locked gate</u> ; gate; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; <u>no</u> ; don't know If yes, note on site sketch. How deep? _____

Site Sketch

Amelia

Estimated Volume of ACM: _____	<u>12 x 12 = 144 ft²</u>
Comments: <u>ACM in concrete dirt</u> / <u>call 1 day before so she can notify parents</u>	
Date/Time of Interview: <u>10/4/96 1115</u>	Access Granted (circle): <u>yes</u> ; no
Team Members: <u>Rhodes / Newchurch</u>	

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: Jefferson Parish Public Schools - Creston #2
Property's Address: 701 Amelia St, Creston LA
State/Zip: 70053-5441 Phone Number(s): (504) 366-3582

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/26/96

DATE



SIGNATURE

05-0569-520

004954

**WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM**

FYI:

SITE# 569

ADDRESS: 701 Amelia Street

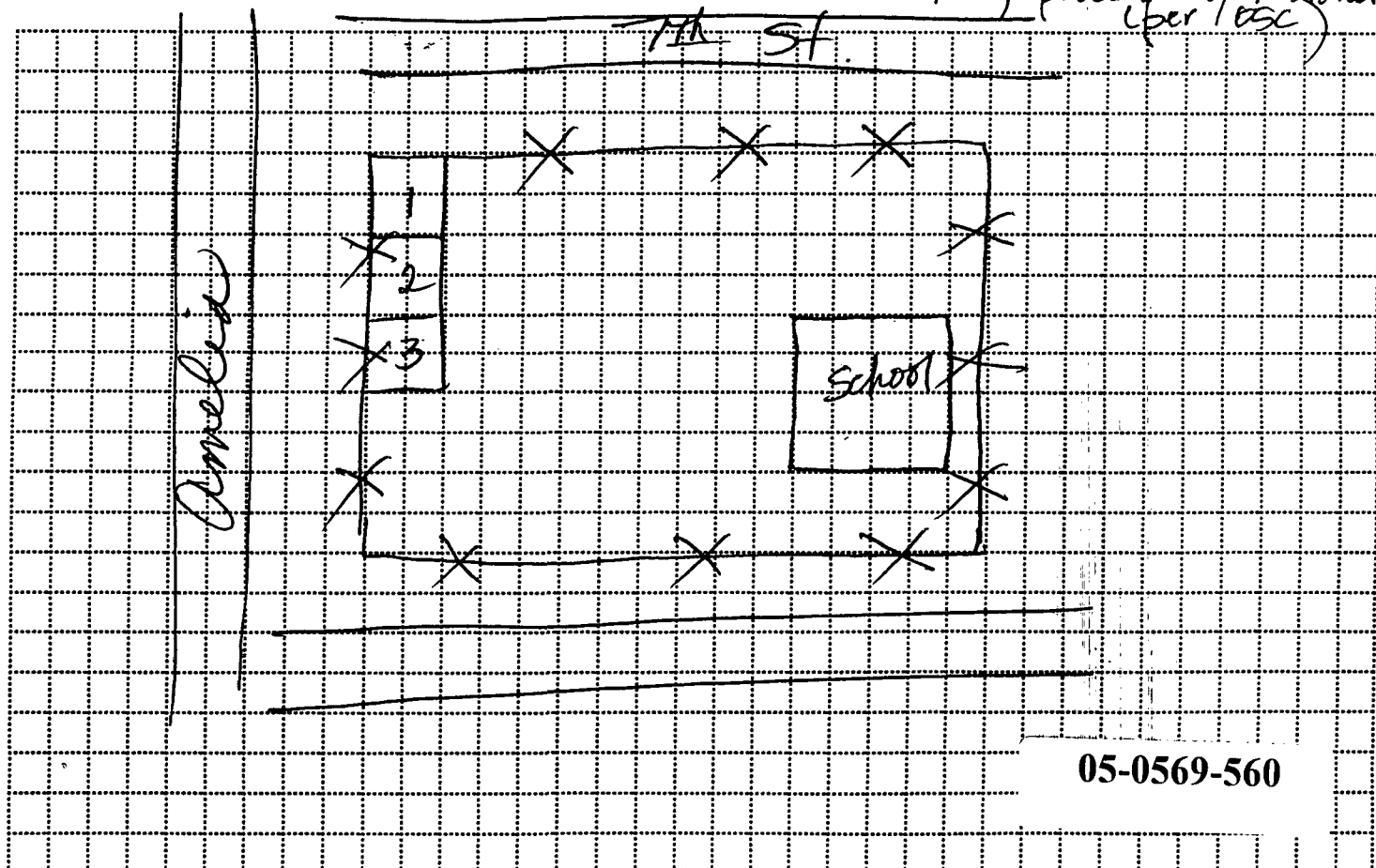
Gretna, La. 70053

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 11/8/96.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION: grid 3 ✓

B. FURTHER ACTION NECESSARY: ✓ GEM no 11/14/96 due to change in scope tem data will not be used. Therefore, proceed w/ restoration (per OSC)



AUTHORIZED EPA/START REPRESENTATIVE

004955

Modulip E. Hall

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 569

ADDRESS: 701 Amelia Street

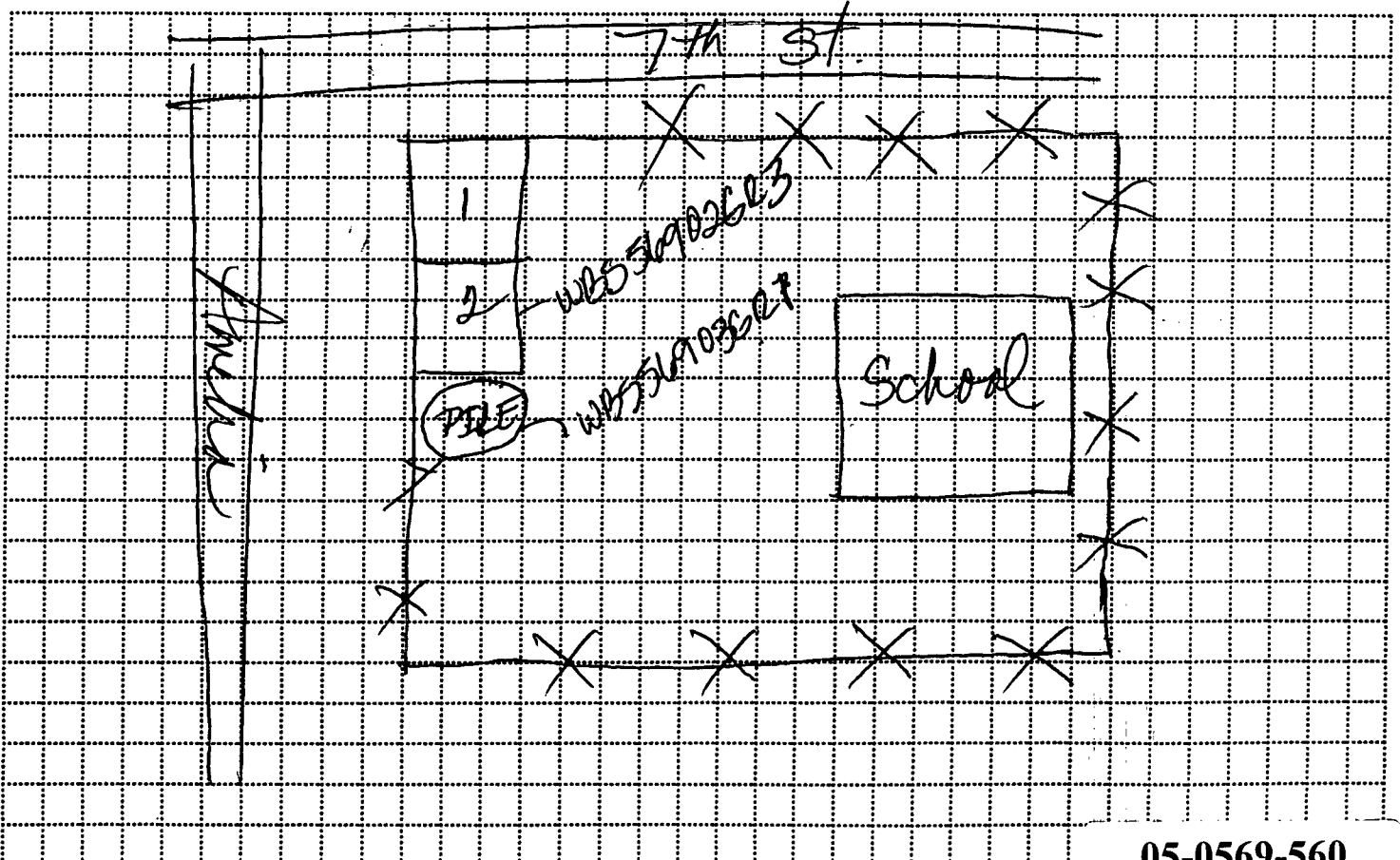
Gretna, La. 70053

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 11/2/96.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION: gridz Pile

B. FURTHER ACTION NECESSARY: ✓



05-0569-560

AUTHORIZED EPA/START REPRESENTATIVE

Madalyn E. Paul
004956

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

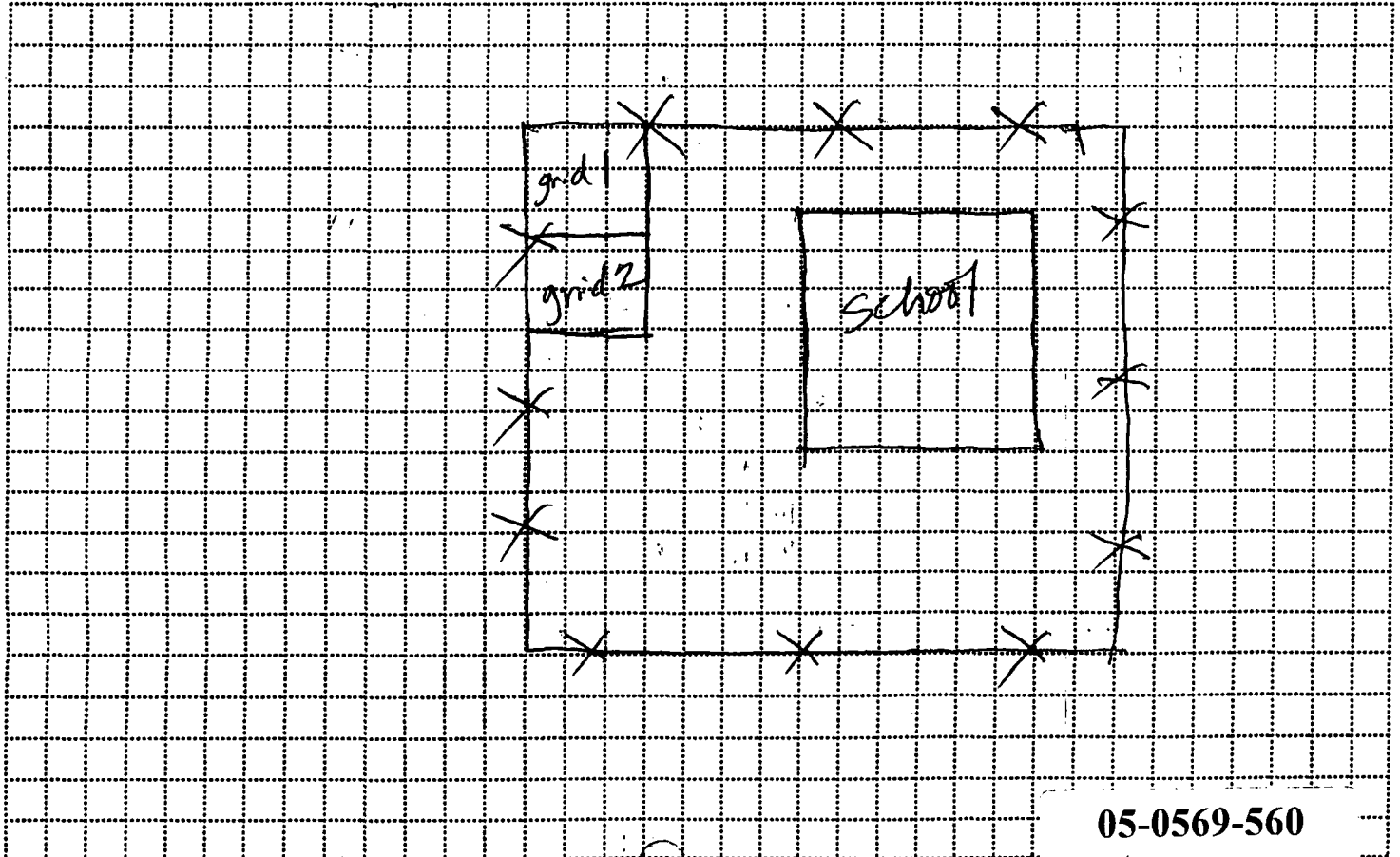
SITE# 569

ADDRESS: 701 Amelia Street
Gretna, La. 70053

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 10/28/96.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION: grid 1 grid 2
B. FURTHER ACTION NECESSARY:



05-0569-560

004952

AUTHORIZED EPA/START REPRESENTATIVE

Madalyn E. Ball



Ecology & Environment, Inc.
 11550 Newcastle Ave. #250
 Baton Rouge, LA 70816

Thursday, November 14, 1996

Ref Number: TX962896

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS29429501 MA2	294/295	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS56903MA2	569	Tan Non-Fibrous Homogeneous	Teased		< 1% Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.
 Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas
 Analyst

Approved
 Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



Ecology & Environmental
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, October 22, 1996

Ref Number: TX962528

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WB101901GR	A 569	Brown Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Amosite < 1% Crocidolite	98%	Other
WB101902GR	A 569	Brown Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Amosite < 1% Crocidolite	98%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Wednesday, October 30, 1996


Ref Number: TX962647

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS1028-01GR	#569 (701 AMELIA)	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS1028-02GR	#569 (701 AMELIA)	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Carlos D. Salinas
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

1

05-0569-570

004960



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, November 05, 1996


Ref Number: TX962742

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS569-03-GR3	569-PILE	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Amosite		98% Other	
WBS569-02-GR3	569-GRIDS	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Amosite		100% Other	
WBS620-02-MA2	620	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Amosite		100% Other	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Carlos D. Salinas
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, November 12, 1996


Ref Number: TX962860

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS 446 01 MA1	TRACK 446 GRID 1	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS 625 01 MA1	TRACK 625 GRID 1	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS 569 03 MA2	TRACK 569 GRID 3	Tan Non-Fibrous Homogeneous	Teased	< 1% < 1%	Chrysotile Crocidolite		100% Other
WBS 622 01 MA2	TRACK 622 GRID 1	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS 446 02 MA1	TRACK 446 GRID 2	Tan Non-Fibrous Homogeneous	Teased	< 1% < 1%	Chrysotile Crocidolite		100% Other
WBS 449 02 MA2	TRACK 449 GRID 2	Tan Non-Fibrous Homogeneous	Teased	< 1% < 1%	Chrysotile Crocidolite		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Carlos D. Salinas
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative results are not guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement or any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to indicate that the laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0569-570

004962



Ecology & Environmental
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

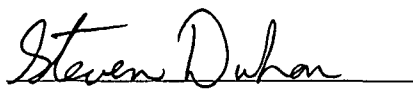
Wednesday, October 23, 1996

Ref Number: TX962523

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

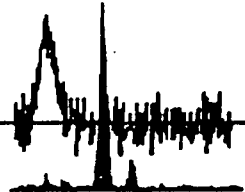
Project: 020601 WESTBANK ASBESTOS

<i>Sample</i>	<i>Location</i>	<i>Sample Date</i>	<i>Volume (liters)</i>	<i>Fibers</i>	<i>Fields</i>	<i>L.O.D. fib/cc</i>	<i>fibers/ mm²</i>	<i>fibers/cc</i>
WBA101901GR	701 AMELIA (#569)	10/19/96	6405.00	43.0	100	0.0004	54.78	0.0033
WBA101902GR	701 AMELIA (#569)	10/19/96	6405.00	20.0	100	0.0004	25.48	0.0015
WBA101903GR	701 AMELIA (#569)	10/19/96	6405.00	19.0	100	0.0004	24.2	0.0015
WBA101904GR	701 AMELIA (#569)	10/19/96	6405.00	17.5	100	0.0004	22.29	0.0013


Steven Duhon
Analyst


Approved
Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.
Analysis performed by EMSL of Houston.





Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, October 29, 1996

Ref Number: TX962628

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

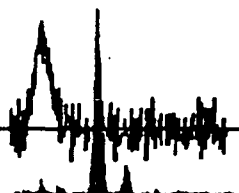
Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm ²	fibers/cc
WBA102601GR	701 AMELIA #569	10/26/96	5530.69	4.5	100	0.0005	5.73	<LOD
WBA102602GR	701 AMELIA #569	10/26/96	5517.84	5.5	100	0.0005	7.01	0.0005
WBA102603GR	701 AMELIA #569	10/26/96	5470.13	3.5	100	0.0005	4.46	<LOD
WBA102604GR	701 AMELIA #569	10/26/96	5517.84	4.5	100	0.0005	5.73	<LOD

Steven Duhon
Analyst

Approved
Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.
Analysis performed by EMSL of Houston.





Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

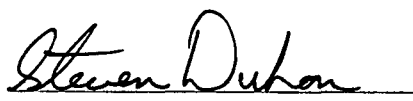
Tuesday, November 05, 1996

Ref Number: TX962744

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

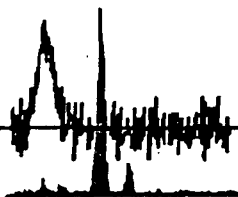
Project: 020601 WESTBANK ASBESTOS

<i>Sample</i>	<i>Location</i>	<i>Sample Date</i>	<i>Volume (liters)</i>	<i>Fibers</i>	<i>Fields</i>	<i>L.O.D. fib/cc</i>	<i>fibers/ mm²</i>	<i>fibers/cc</i>
WBA1102 02GR	569-DOWNWIND	11/2/96	2647.00	7.5	100	0.0010	9.55	0.0014
WBA1102 03GR	569-UPWIND	11/2/96	2655.00	8.5	100	0.0010	10.83	0.0016
WBA1102 01GR	569-DOWNWIND	11/2/96	2663.00	11.5	100	0.0010	14.65	0.0021


Steven Duhon
Analyst


Approved
Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.
Analysis performed by EMSL of Houston.



NOTIFICATION OF DEMOLITION AND RENOVATION FORM FORM AAC-2 REV 5/12/95

# of ADVF's Requested	1	Parish #	2240	Source #		ADVF #	
I. TYPE OF NOTIFICATION (CIRCLE ONE)		<input checked="" type="radio"/> ORIGINAL <input type="radio"/> REVISED <input type="radio"/> CANCELED					
II. FACILITY INFORMATION				Contact: John Martin			
OWNER NAME: U.S. EPA Region 6				Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave							
City: Dallas				State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.				La. Contractor's License #: 26445		DEQ ID #: 7S00008	
Address: 113 Ondine Lane							
City: Slidell				State: LA		Zip: 70456	
Contact: Gerald Avery				Telephone: 504-646-0039			
OTHER OPERATOR:				DEQ Project Designer #:			
Address:							
City:				State:		Zip:	
Contact:				Telephone:			
III. TYPE OF OPERATION (CIRCLE ONE)		<input checked="" type="radio"/> Demo <input type="radio"/> Ordered Demo <input type="radio"/> Renovation <input type="radio"/> Emergency Reno					
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		<input checked="" type="radio"/> YES <input type="radio"/> NO					
Inspector's Name: Debra Bendily (LDEQ)				Inspector's Accreditation #: 610685			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)							
Building/Component Name: Home (#569)				Fire Marshall Project #:			
Street Address: 701 Amelia Street							
City: Gretna		State: LA		Zip: 70053		Parish: Jefferson	
Site Location: In front corner of yard				Telephone: NA			
Building Size: NA		# of Floors: NA		Age in Years: NA			
Present Use: NA				Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116							
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:		RACM to be Removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed							
				Cat I	Cat II	UNIT	
Pipes						Ln Ft:	Ln m:
Surface Area						Sq Ft:	Sq m:
Vol RACM off Facility Component						Cu Ft:	Cu yds: 3
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)				Start:		Complete:	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)				Start:		Complete:	

004966

05-0569-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:

Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:

Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: ^{#4}Quality Contractors ^{#3}Vaughan Contractor Contact Person: Jerry Avery ^{#3}H.P. Vaughn

Address: 113 Ondine Lane ^{#3}685 Bridge City Ave

City: Slidell ^{#3}Bridge City State: LA Zip: 70458 Telephone#: 504-646-0039

WASTE TRANSPORTER #2

Name: B & S Equipment Co. Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: 504-340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelin Landfill)

Location: 5200 Armande 93 West

City: Armande State: LA Zip: 70094 Telephone: 504-436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John Martin
(Signature of Owner/Operator/Contractor)

10-3-96
(Date)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John Martin
(Signature of Owner/Operator/Contractor)

10-3-96
(Date)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHAL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

004967

05-0569-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADF's Requested	Parish #	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL REVISED CANCELED	
II. FACILITY INFORMATION		Contact: J. Martin	
OWNER NAME: U.S. EPA R6		Telephone: (214) 665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Env. Contr.		La. Contractor's License #: 26445	DEQ ID #: 7500008
Address: 113 ONDINE LANE			
City: SLIDELL	State: LA	Zip: 70456	
Contact: Gerald Avery	Telephone: (504) 646-0039		
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:	State:	Zip:	
Contact:	Telephone:		
III. TYPE OF OPERATION (CIRCLE ONE)		Demo Ordered Demo Renovation Emergency Reno	
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		YES NO Inspection Date: Jan-Apr '96	
Inspector's Name: D. Bendily		Inspector's Accreditation #:	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: School		Fire Marshal Project #:	
Street Address: 701 Amelia St		(H569)	
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: NW play area (in yard)		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL:			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	
		Cat I	Cat II
		UNIT	
Pipes			Ln Ft:
Surface Area			Sq Ft:
Vol RACM off Facility Component			Cu Ft: Cu Yds: 3
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 10/7/96	Complete: 10/14/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 10/7/96	Complete: 10/14/96

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

004968

05-0569-550

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:

Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:

Crew will excavate ACM using wet method and no-visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors

Contact Person: Jerry Avery

Address: 113 Ondine Ln

City: Slide/

State: LA

Zip: 70458

Telephone:

(504)646-0039

WASTE TRANSPORTER #2

Name:

Contact Person:

Address:

City:

State:

Zip:

Telephone:

XIII. WASTE DISPOSAL SITE:

Name:

Location:

City:

State:

Zip:

Telephone:

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:

Title:

Authority:

Date of order (MM/DD/YY)

Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John Martin
(Signature of Owner/Operator/Contractor)

9-26-96
(Date)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John Martin
(Signature of Owner/Operator/Contractor)

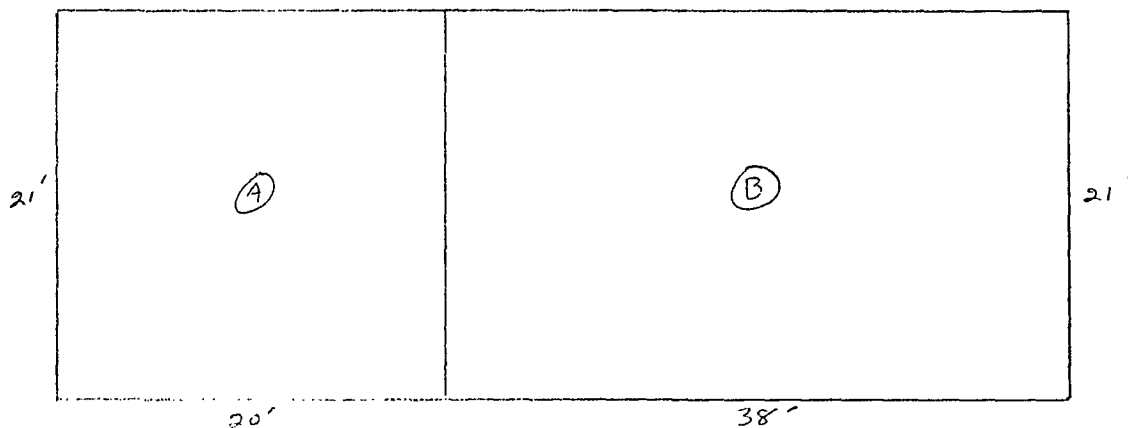
9-26-96
(Date)

PURSUANT TO R.S. 40:1574 A&D, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHAL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.



By _____ Date _____ Subject 569 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____

701 AMELIA ST (SCHOOL)



$$\begin{aligned} \textcircled{A} \quad 21' \times 20' &= 420 \text{ FT}^2 \\ \textcircled{B} \quad 38' \times 21' &= 798 \text{ FT}^2 \\ \text{TOTAL} &= 840 \text{ FT}^2 \\ &= 93.33 \text{ YD}^2 \end{aligned}$$

05-0569-590

004970

Tuesday, October 22, 1996

Ms. Madalyn E. Ball
Toxicology & Environment
550 Newcastle Ave., #250
Baton Rouge, LA 70816

Project: 020601 - WESTBANK ASBESTOS
Attention: Ms. Madalyn Ball
Ref Number: TX962532

Asbestos Analysis of Bulk Samples Performed by Transmission Electron Microscopy (TEM) Chatfield Method*

SAMPLE ID	COLOR	% NON-ASB FIBROUS STRUCTURES	%NON-FIBROUS MATERIAL	TEM RESULTS* % ASBESTOS
WBS101901GR	SOIL	0%	95%	1% - 5%

✓

569

Analyst

Laboratory Supervisor

*Results near 1% are not reliable by this method and a more accurate TEM method is recommended.

**To ensure results, EMSL recommends the use of SEM as a quality control measure. Without SEM QC the current diagnosis error rate for TEM/NOB and TEM/Chatfield occurs at a frequency of approximately 1-2% of samples analyzed. Without SEM QC, EMSL is not responsible for errors which could have been prevented with SEM QC.

ACCREDITATIONS: NVLAP #2106

05-0569-573

004971

Tuesday, November 12, 1996

Ecology & Environment, Inc.
11550 Newcastle Ave., #250
Baton Rouge, LA 70816

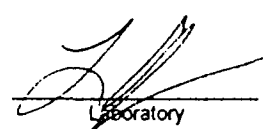
Project: WESTBANK ASBESTOS
Attention: Ms. Madalyn Ball
Ref Number: TX962859

Asbestos Analysis of Bulk Samples Performed by Transmission Electron Microscopy (TEM) Chatfield Method*

SAMPLE ID	COLOR	% NON-ASB FIBROUS STRUCTURES	%NON-FIBROUS MATERIAL	TEM RESULTS* % ASBESTOS
446 WBS44601MA1	Brown	0%	93%	1% - 5% ✓
25 WBS62501MA1	Brown	0%	88%	Trace <1% ✓
569 WBS56903MA2	Brown	0%	95%	1% - 5% ✓

446
25
569
11/8


Analyst


Laboratory Supervisor

*Results near 1% are not reliable by this method and a more accurate TEM method is recommended.

**To ensure results, EMSL recommends the use of SEM as a quality control measure. Without SEM QC the current diagnosis error rate for TEM/NOB and TEM/Chatfield occurs at a frequency of approximately 1-2% of samples analyzed. Without SEM QC, EMSL is not responsible for errors which could have been prevented with SEM QC.

ACCREDITATIONS: NVLAP #2106

05-0569-573

recycled paper

004972

ecology and environment

Wednesday, October 30, 1996

Ecology & Environment, Inc.
1550 Newcastle Ave. #250
Baton Rouge, LA 70816

Project: 020601 Westbank Asbestos
Attention: Madalyn Ball
Ref Number: TX962646

Asbestos Analysis of Bulk Samples Performed by Transmission Electron Microscopy (TEM) Chatfield Method*

SAMPLE ID	COLOR	% NON-ASB FIBROUS STRUCTURES	%NON-FIBROUS MATERIAL	TEM RESULTS* % ASBESTOS
WBS102801GR	Brown	0%	94%	Trace <1% ✓

569
0/28

Analyst

Laboratory Supervisor

*Results near 1% are not reliable by this method and a more accurate TEM method is recommended.

**To ensure results, EMSL recommends the use of SEM as a quality control measure. Without SEM QC the current diagnosis error rate for TEM/NOB and TEM/Chatfield occurs at a frequency of approximately 1-2% of samples analyzed. Without SEM QC, EMSL is not responsible for errors which could have been prevented with SEM QC.

05-0569-573

ACCREDITATIONS: NVLAP #2106

004973

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-6-98
SITE #: 569

ADDRESS: 701 AMELIA ST
GRETN

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

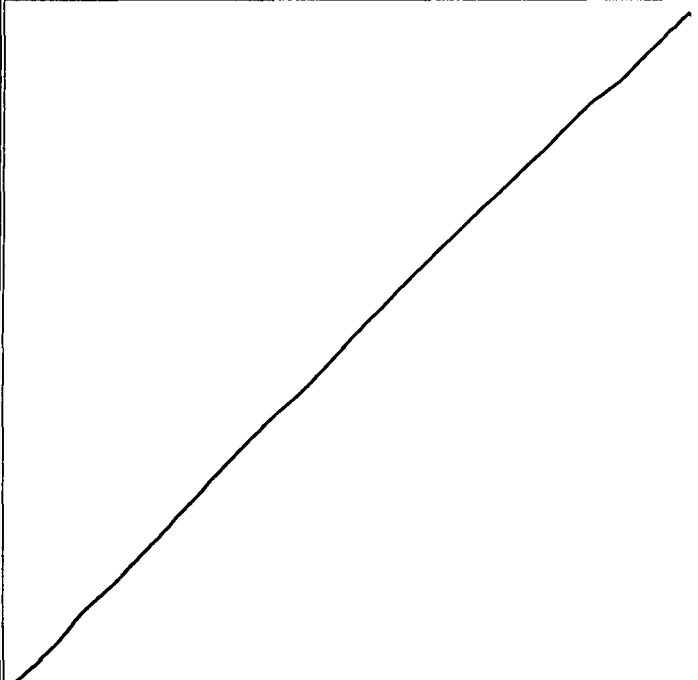
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	<u>NO VISIBLE ACM</u>

TEAM MEMBERS: jtn

05-0569-540

004974

FIELD DATA SHEET 1

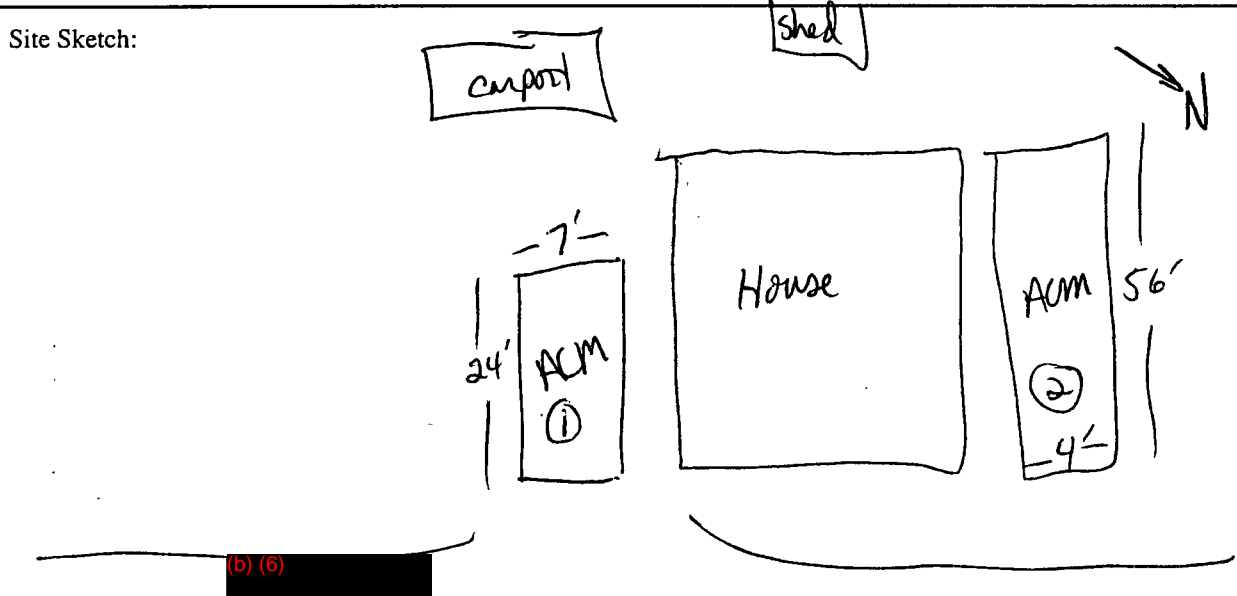
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6)	Groetma, LA 70053
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant:	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>ND</u> resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other <u>don't know</u> Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: ② limestone w/edging
R/18 ① concrete

Date/Time of Interview: 10/4/96 1120

Access Granted (circle): yes; no

Team Members: Rhodes / Newchurch

Tracking # 570

Also

(b) (6)

(b) (6)

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

GRETNA

State/Zip: LA 70053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96
DATE

(b) (6)

SIGNATURE

05-0570-520

004976

updated
3/3/97

No. 5505
Engineer's Computation Pad



3-16-97

(b) (6)

Owner Approved

Balls

Ap's

concrete

Current

shed

6'4" x 20'

1/18/97 1725hrs

- spoke to (b) (6)

approved restoration
as shown - TMR

→ N
NTS

Removal & Restoration

Driveway - just
pieces of ACM
scattered, some
mixed in with
shells, is removal
pieces, restore
with gravel

Area (A) - remove
to 6 inches,
grading, concrete,
be careful of house
and old cement drain

Area (B) - remove
6 inches, grading,
concrete

Area (C) - remove
6 inches, grading,
limestone

concrete
edging
into
drain

Note - will look
at removing ACM
from underneath
house

(b) (6)

Historic Home
on
National Register

concrete
porch

AcM
Pier
to
Driveway

05-0570-530

	Cover	1/2" Kess
①	5	4
②	4	4
③	3	4
④	1	4
⑤	2	4

Restoration
Limestone

update 3/3/97

004977

Troy M. Naguin
1-18-97

1725hrs 3/10/97 - JTAT Naguin informed EPA of ACM below monkey grass, homeowner
approved removal of monkey grass and replace with limestone. EPA & OSHA will
have quality remove the ACM - TMR 3/11/97 at OSHA and approved for approved removal of monkey grass

WESTBANK ACM REMOVAL PROJECT

SAMPLE ANALYSIS CONFIRMATION

USEPA START TEAM

FYI:

SITE# 570

ADDRESS: (b) (6)

Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 3-8-97.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

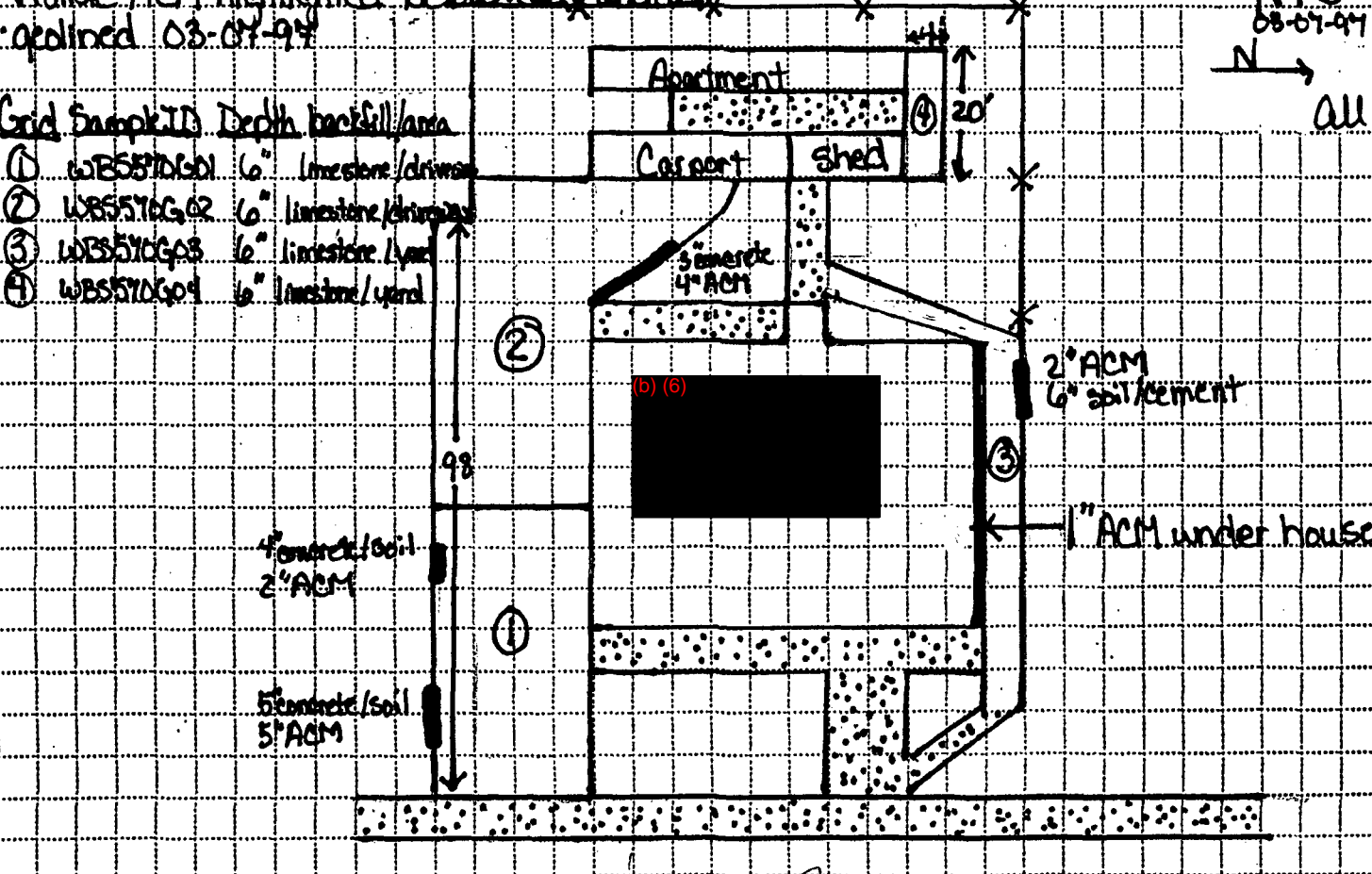
GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ✓ ✓ ✓ ✓

B. FURTHER ACTION NECESSARY:

• visible ACM highlighted below: (b)(6) and (b)(6)
 • dated 03-07-97

Grid Sample ID	Depth	backfill/area
① WBS570G01	6"	limestone/drives
② WBS570G02	6"	limestone/drives
③ WBS570G03	6"	limestone/yard
④ WBS570G04	6"	limestone/yard



004878

05-0570-560

AUTHORIZED EPA/START REPRESENTATIVE

Laurenna Reed

Westmont, NJ 909-858-4300	Piscataway, NJ 908-981-9550	Carle Place, NY 516-987-7251	Manhattan, NY 212-290-0052	Seattle, WA 206-223-8007	Ann Arbor, MI 313-863-4810	San Mateo, CA 415-875-6401	San Jose, CA 408-333-0900	Greensboro, NC 910-297-1487	Houston, TX 713-686-3635
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EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, March 11, 1997

Ref Number: TX97742

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS570G01	(b) (6)	Brown Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS570G02		Brown Fibrous Homogeneous	Teased	4%	Chrysotile		98% Other
WBS570G03		Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS570G04		Brown Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS210G01		Brown Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS210G02		Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0570-570

004979

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested <u>1</u>	Parish # <u>2240</u>	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		<u>ORIGINAL</u> REVISED CANCELED	
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas		State: TX	Zip: 75202
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane #3 <u>Vaughan Co</u>			
City: Slidell		State: LA	Zip: 70456
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:		State:	Zip:
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE)		<u>Demo</u> Ordered Demo Renovation Emergency Reno	
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		<u>YES</u> NO	
Inspector's Name: Debra Bendily (LDEQ)		Inspection Date: Jan. - Apr. 1996	
Inspector's Accreditation #:		<u>610685</u>	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#570)		Fire Marshall Project #:	
Street Address: <u>(b) (6)</u>			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: Both sides of the house in yard		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: <u>1. Regulated ACM to be removed</u> 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I	Cat II
Pipes			UNIT
Surface Area			Ln Ft: Ln m:
Vol RACM off Facility Component			Sq Ft: Sq m:
			Cu Ft: <u>8</u>
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start:	Complete:
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start:	Complete:

004980

05-0570-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: ^{#4} Quality Contractors ^{#3} Vaughan Contractors	Contact Person: Jerry Avery ^{#1} H. P. Vaughan
Address: 113 Ondine Lane ^{#2} 685 Bridge City Ave	
City: ^{#4} Stidell ^{#3} Bridge City	State: LA
Zip: 70458 ^{#3} 70094	Telephone #: 504-646-0039 ^{#3} 504-436-7777

WASTE TRANSPORTER #2

Name: B&S Equipment Co., Inc	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: 504-340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)
Location: 5800 Avondale SE West
City: Avondale
State: LA
Zip: 70094
Telephone: 504-436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will used wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John Martin
(Signature of Owner/Operator/Contractor)

10-3-96
(Date)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John Martin
(Signature of Owner/Operator/Contractor)

10-3-96
(Date)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

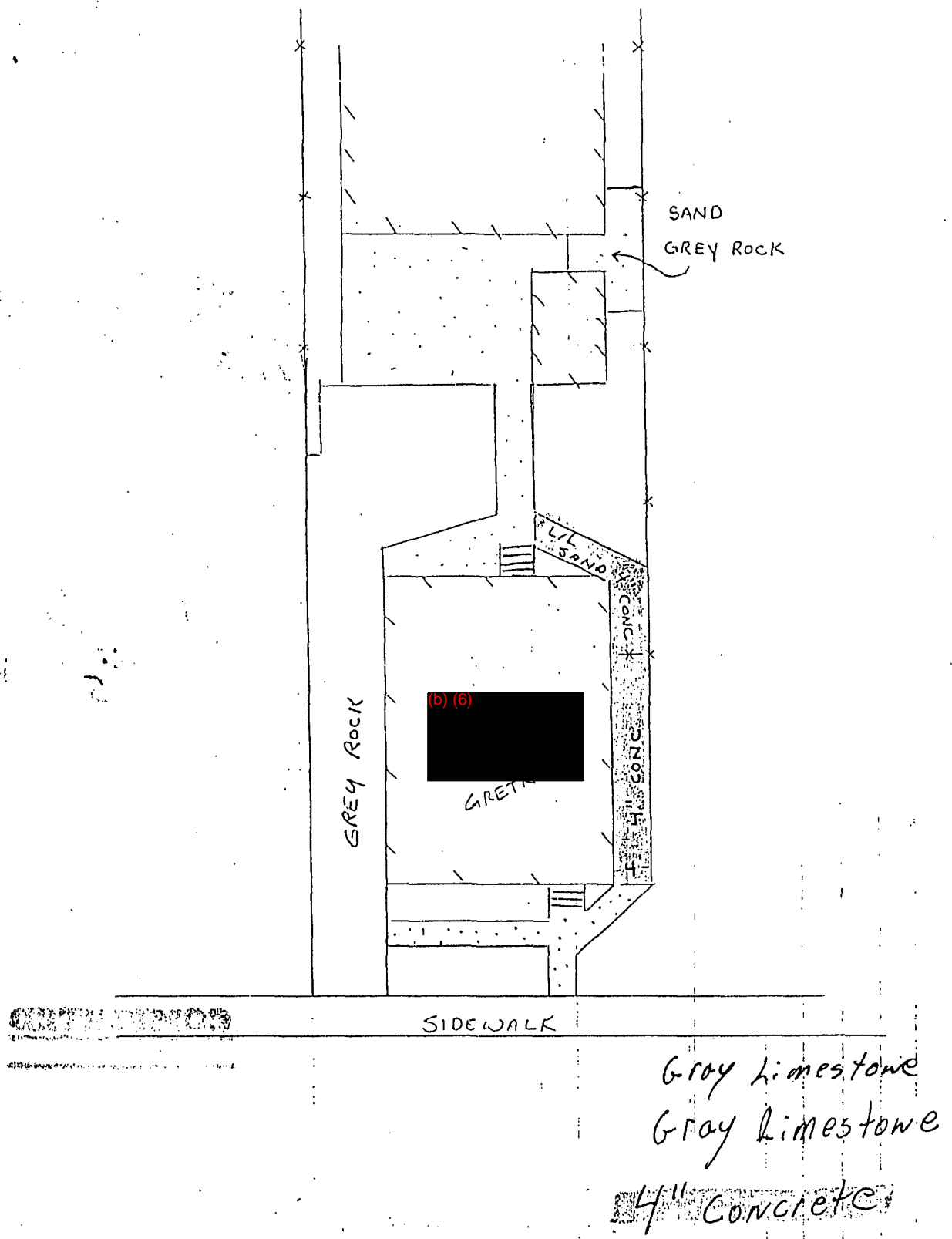
004981

05-0570-550

Issued



by PM Date 3-12-97 Subject RESTORATION SITE # 570 Sheet No. of
Chkd. By Date Proj. No.



004982

05-0570-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-6-98

SITE #: 570

ADDRESS: (b) (6)

GRETN, LA

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

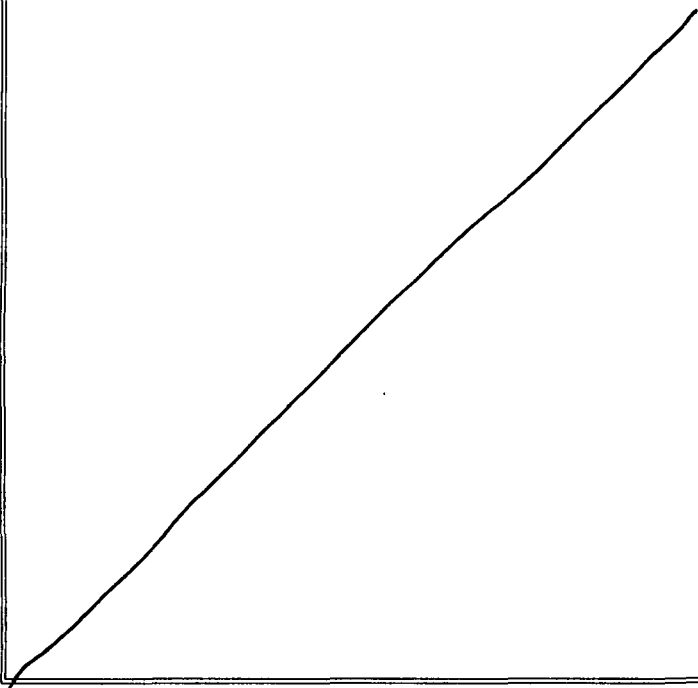
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	<u>NO VISABLE ACM</u>

TEAM MEMBERS: John

05-0570-540

004983

FIELD DATA SHEET 1

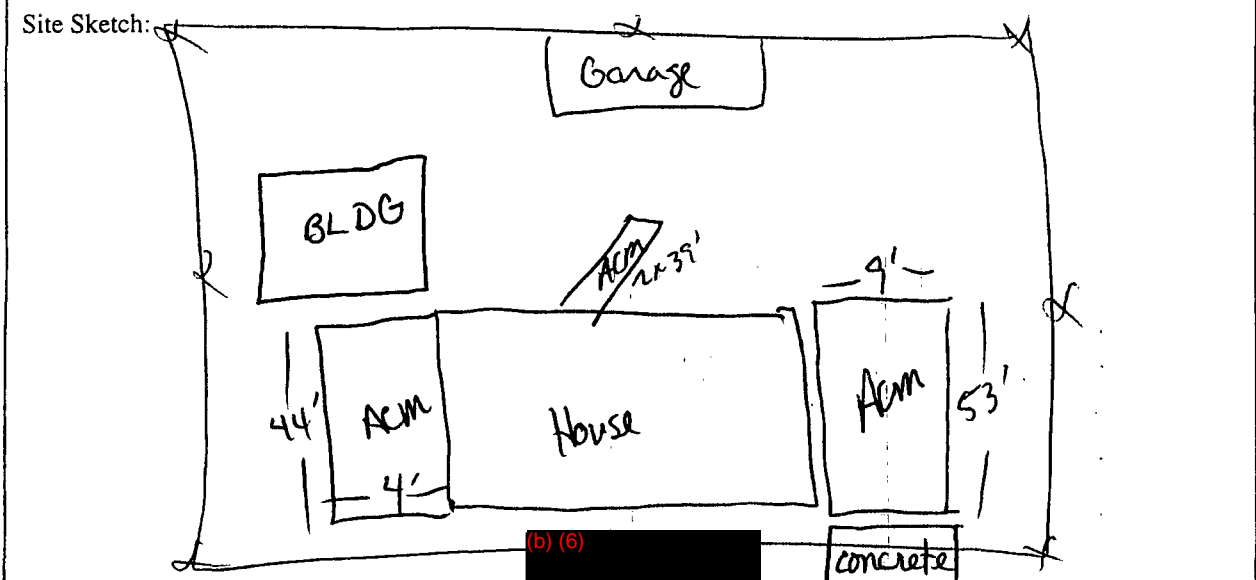
Site Information:

Occupant:	(b) (6)	Interviewee:	(b) (6)
Address:	Gretma, La 70053		
Phone No.:			
Owner Name, Address, and Phone No. if Different Than Occupant:			

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>no</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; <u>no</u> ; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: limestone w/ edgingDate/Time of Interview: 1655 9/25/96Access Granted (circle): yes; noTeam Members: Rhodes / Thibodeaux

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

(b) (6)

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

GREYNA

State/Zip: LA

Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

3/10/97

DATE

(b) (6)

SIGNATURE

FOR ACCESS TO

(b) (6)

(REAR)

004985

05-0571-520

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6) & WIFE
Property's Address: (b) (6) GRETNA
State/Zip: LOUISIANA Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

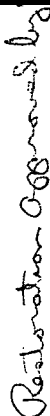
9-23-1996
DATE

(b) (6)

SIGNATURE

Revised
3/12/57
over

(b) (6)



Troy M. Naguin
1-20-97

3/16/87 15:00 Meet w/ (b) (6) to discuss
remediation materials. Homeowner agrees w/
cement & sod as shown in Areas (A) (B) & (C).
Does not accept restoration of limestone in
driveway marked as Area (D). Drawing does
mention concrete & other debris & ACM strip of
only 3 ft. However, whole width of driveway
was excavated (est. 9 ft wide).

S. Thorsell

3/12/97 - START Napa and EPA Martin meet with Mr. & Mrs.
(b) (6) about restoration. Mr. & Mrs. Cize approved replacement
of black/grey limestone in driveway, grass in front and back
yard, concrete side path, & wellhead in backyard. - Tmr
Approved by EPA Martin

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 571

ADDRESS: (b) (6)
Gretna, LA

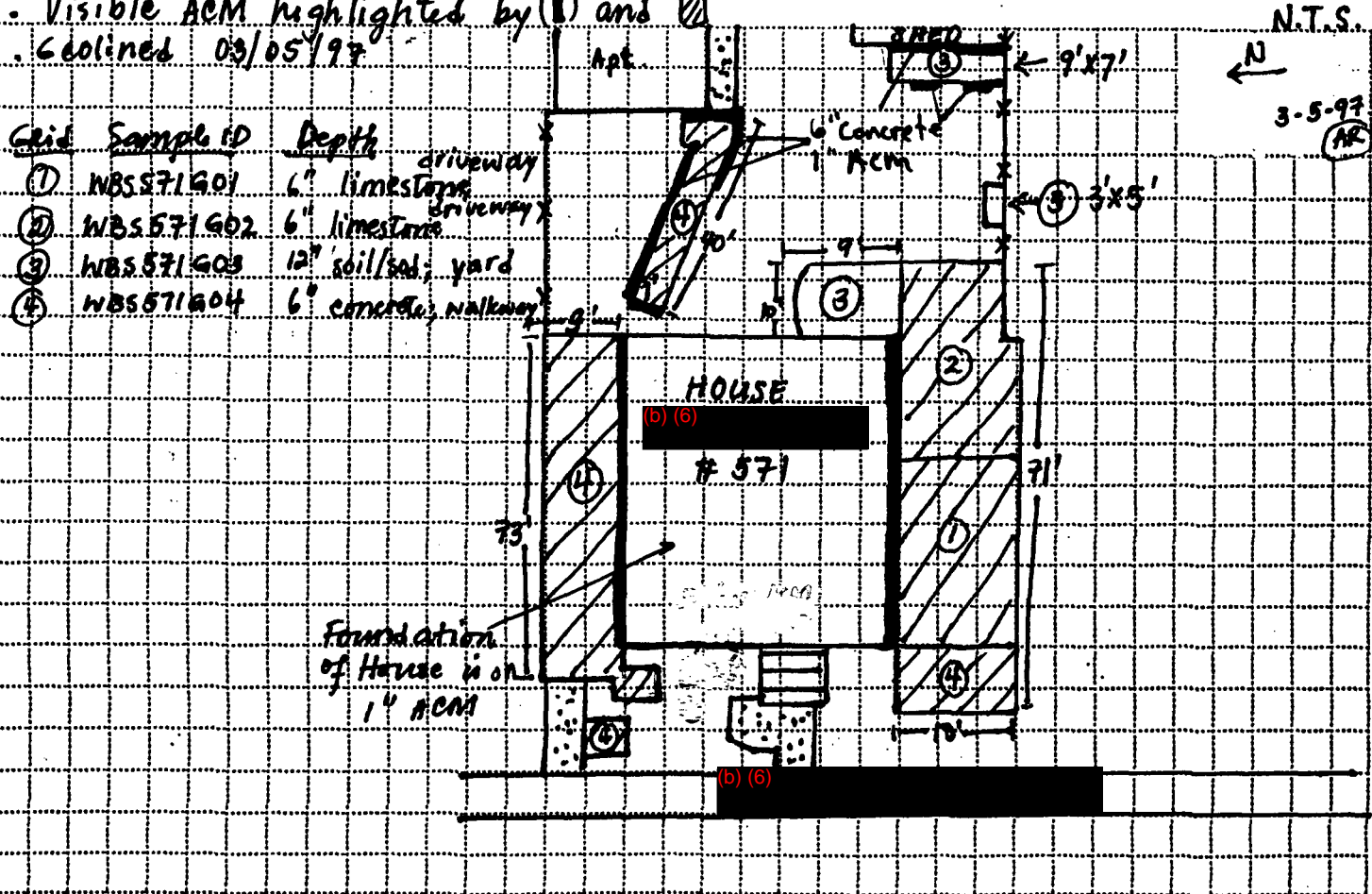
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 3-7-97.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8
A. PROCEED WITH RESTORATION: ☒ ☒ ☒ ☒ ☐ ☐ ☐ ☐
B. FURTHER ACTION NECESSARY: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

• Visible ACM highlighted by (B) and (C)
• Gridlined 03/05/97

Grid	Sample ID	Depth
①	WBS571601	6" limestone driveway
②	WBS571602	6" limestone driveway
③	WBS571603	12" soil/sed, yard
④	WBS571604	6" concrete, walkway



004988

AUTHORIZED EPA/START REPRESENTATIVE

Laurenna Shady

05-0571-560

WESTBANK ACM REMOVAL PROJECT

SAMPLE ANALYSIS CONFIRMATION

USEPA START TEAM

FYI:

SITE# 571

ADDRESS: (b) (6)

Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 03/15/97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8 9

A. PROCEED WITH RESTORATION: ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

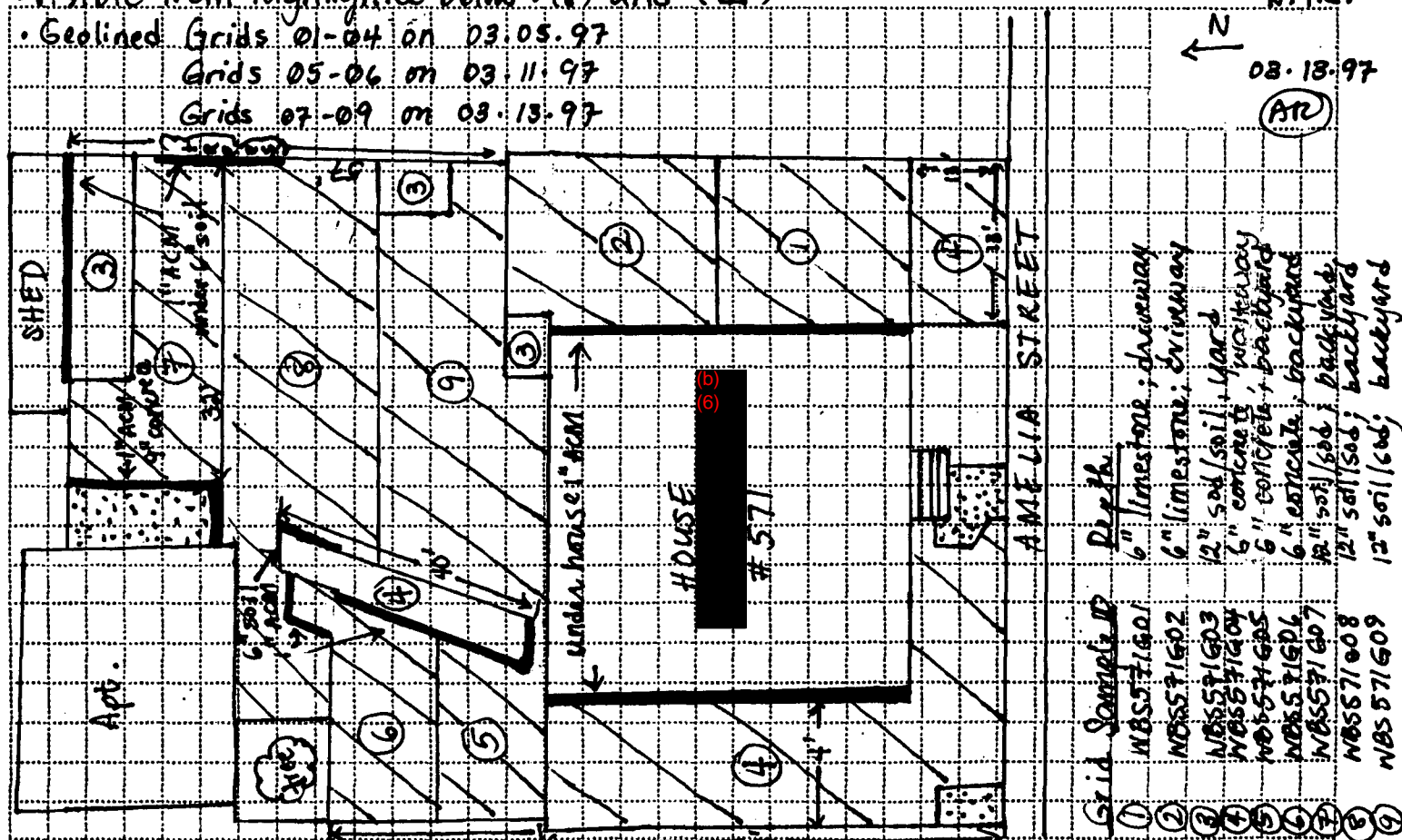
B. FURTHER ACTION NECESSARY:

• Visible ACM highlighted below: (1) and (4)

• Geolined Grids 01-04 on 03.05.97

Grids 05-06 on 03.11.97

Grids 07-09 on 03.13.97



004989

05-0571-560

AUTHORIZED EPA/START REPRESENTATIVE

Alma Rillera

Westmont, NJ 800-858-4800	Piscataway, NJ 908-881-0660	Carle Place, NY 516-887-7251	Manhattan, NY 212-290-0852	Seattle, WA 206-233-9007	Ann Arbor, MI 313-668-0810	San Mateo, CA 415-570-5401	Smyrna, GA 404-333-8008	Greensboro, NC 910-297-1487	Houston, TX 713-686-3635
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EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Friday, March 07, 1997

Ref Number: TX97705

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS571G01	(b) (6)	Brown Fibrous Homogeneous	Teased	3%	Chrysotile		97% Other
WBS571G02		Brown Fibrous Homogeneous	Teased	5%	Chrysotile		95% Other
WBS571G03		Brown Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS571G04		Brown Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS324G01		Brown Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to analyze asbestos and analyze layered samples.

004990

05-0571-570

Westwood, NJ 908-858-4820	Placerville, NJ 908-861-0860	Chloride, NY 516-987-7251	Manhattan, NY 212-280-0052	Seattle, WA 206-333-9007	Ann Arbor, MI 313-668-6810	San Mateo, CA 415-570-5401	Smyrna, GA 404-333-8080	Greensboro, NC 910-287-1487	Houston, TX 713-684-3635
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EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Thursday, March 13, 1997


Ref Number: TX97775

POLARIZED LIGHT MICROSCOPY (PLM)

Project: WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS409 G01		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS409 G02		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS415 G01		Brown Fibrous Homogeneous	Teased	12%	Chrysotile			87% Other
				1%	Crocidolite			
WBS415 G02		Brown Non-Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
				< 1%	Crocidolite			
WBS415 G03		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS571 G05		Brown Non-Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Carlos D. Salinas
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. This negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically analyze and analyze layered samples.

004991

05-0571-570

Westmont, NJ 800-555-4800
 Pleasantway, NJ 800-961-0560
 Carlo Place, NY 516-887-7251
 Manhattan, NY 212-250-0052
 Seattle, WA 206-333-9007
 Ann Arbor, MI 313-468-4310
 San Mateo, CA 415-670-6401
 Smyrna, GA 404-333-4000
 Greensboro, NC 910-237-1487
 Houston, TX 713-686-3030



Ecology & Environment, Inc.
 11550 Newcastle Ave. #250
 Baton Rouge, LA 70816

Thursday, March 13, 1997


Ref Number: TX97775

POLARIZED LIGHT MICROSCOPY (PLM)

Project: WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS571 G06		Brown Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS014 G01		Brown Non-Fibrous Homogeneous	Teased	5%	Chrysotile < 1% Crocidolite		95% Other
WBS014 G02		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS014 G03		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS014 G04		Brown Non-Fibrous Homogeneous	Teased		None Detected		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


 Carlos D. Salinas
 Analyst

Approved
 Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by EMSL AP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

2

004992

05-0571-570

Westmont, NJ 608-558-4808	Piscataway, NJ 908-961-8658	Carle Place, NY 516-947-7251	Manhattan, NY 212-290-0068	Seattle, WA 206-233-9007	Ann Arbor, MI 313-968-6810	San Mateo, CA 415-570-5401	Smyrna, GA 404-333-8066	Greensboro, NC 910-287-1487	Houston, TX 713-688-9628
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EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Monday, March 17, 1997

Ref Number: TX97812

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS3651366G 01	(b) (6)	Brown Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS3651366G 02		Brown Fibrous Homogeneous	Teased	40%	Chrysotile < 1% Crocidolite		60% Other
WBS3651366G 03		Brown Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS3651366G 04		Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS3651366G 05		Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS571G07		Brown Fibrous Homogeneous	Teased	3%	Chrysotile		97% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

0104993

05-0571-570

Westport, NJ 908-954-4500	Placerville, NJ 908-961-9650	Carle Place, NY 516-987-7251	Washington, NY 212-696-0262	Seattle, WA 206-323-8007	Ann Arbor, MI 313-484-8810	San Mateo, CA 415-570-5401	San Francisco, CA 415-323-0006	Greensboro, NC 910-297-1487	Richmond, VA 713-688-3636
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EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Monday, March 17, 1997

Ref Number: TX97812

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS571G08	(b) (6)	Brown Fibrous Homogeneous	Teased	3%	Chrysotile		97% Other
WBS571G09		Brown Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS109G01		Brown Fibrous Homogeneous	Teased	2%	Chrysotile 2% Crocidolite		96% Other
WBS109G02		Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS109G03		Brown Fibrous Homogeneous	Teased		None Detected		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

2

004994

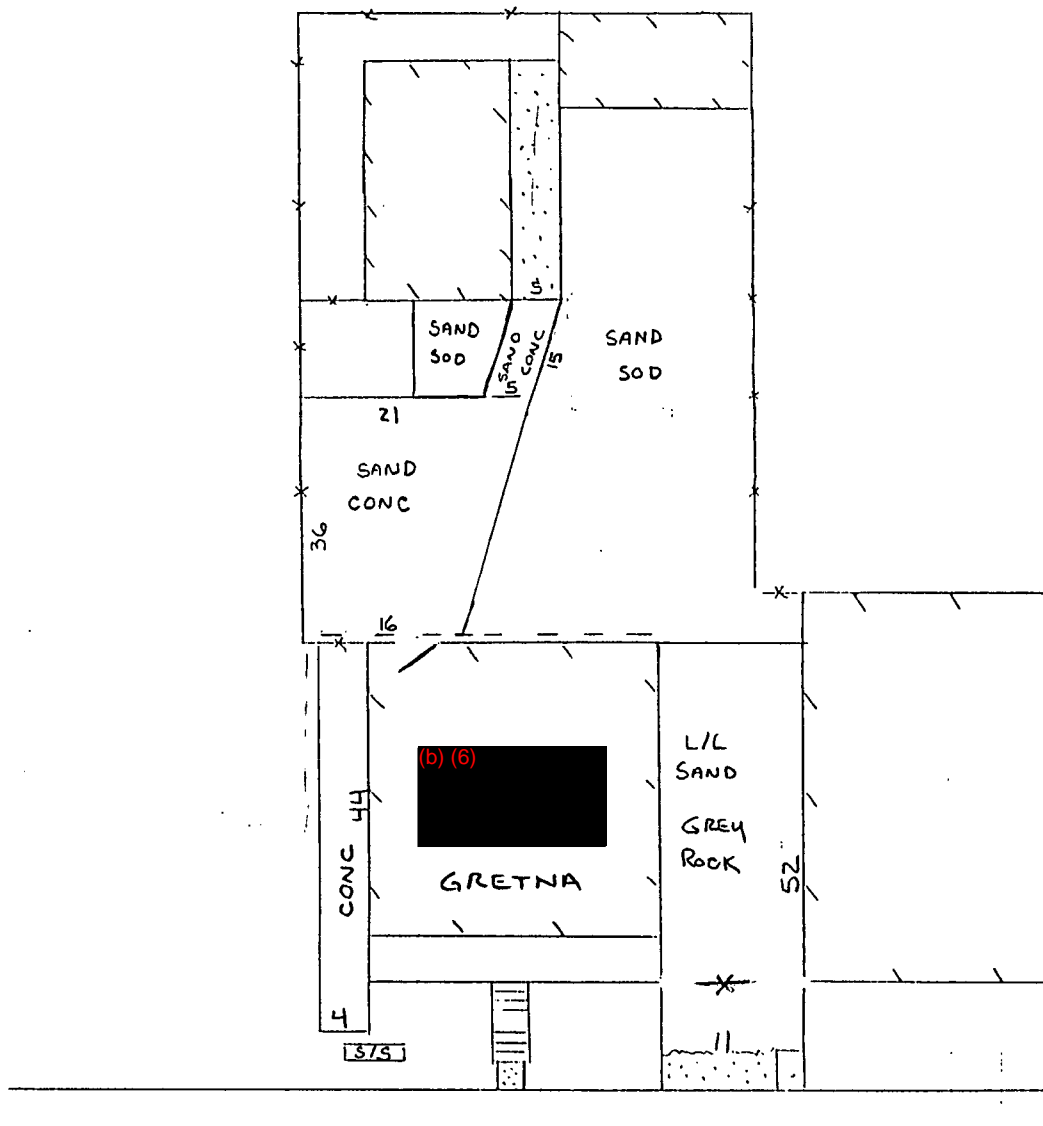
05-0571-570



INTERNATIONAL
TECHNOLOGY
CORPORATION



By AM Date 3-14-97 Subject RESTORATION SITE # 571 Sheet No. of
Chkd. By Date Proj. No.



004995

05-0571-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 571

	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
RATE						
Rock Installation (sq.yds.)	\$6.84/sy			65. ⁵⁰		
Sod Installation (sq.yds.)	\$5.15/sy			196. ⁵⁰		
6" Concrete Installation (sq. yds.)	\$30.10/sy			102		
4" Concrete Installation (sq. yds.)	\$26.40/sy					
Sand Installation (sq.yds.)	\$4.15/sy			279. ⁰⁰		
Lower Lift #1	\$1.16/sy			65. ⁵⁰		
Lower Lift # 2	\$1.16/sy					
Lower Lift #3	\$1.16/sy					
Rock, Brown (cu.yds.)	\$20.50/cy					
Rock, Gray (cu.yds.)	\$29.00/cy			14. ⁰⁰		
Sand (cu.yds.)	\$12.70/cy			78. ⁰⁰		
Concrete (cu.yds.)	N/A			17		
Plastic Edging (ft.)	\$1.65/ft					
Walkway Rock Inst. (sq.yds.)	\$9.12/sy					
Topsoil (cu.yds.)	\$21.00/cy					

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE

004996

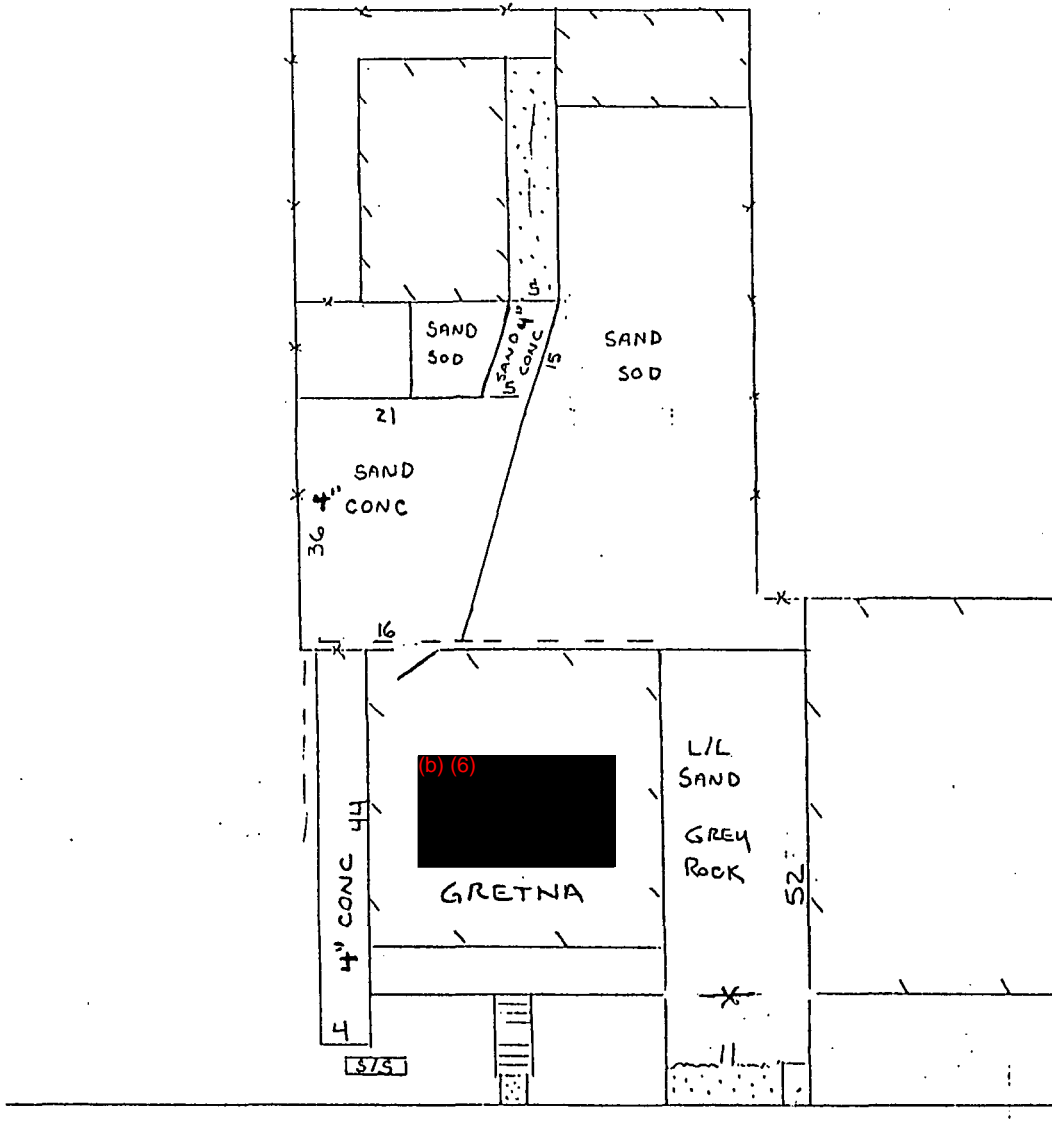
05-0571-590

NOLA REPRESENTATIVE SIGNATURE



By AM Date 3-14-97 Subject RESTORATION SITE # 571 Sheet No. of
Chkd. By Date Proj. No.

REVISED 3-18-97



WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 571

	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)	\$6.84/sy			65. ⁵⁰		
Sod Installation (sq.yds.)	\$5.15/sy			196. ⁵⁰		
6" Concrete Installation (sq. yds.)	\$30.10/sy					
4" Concrete Installation (sq. yds.)	\$26.40/sy			102		
Sand Installation (sq.yds.)	\$4.15/sy			279. ⁰⁰		
Lower Lift #1	\$1.16/sy			65. ⁵⁰		
Lower Lift # 2	\$1.16/sy					
Lower Lift #3	\$1.16/sy					
Rock, Brown (cu.yds.)	\$20.50/cy					
Rock, Gray (cu.yds.)	\$29.00/cy					
Sand (cu.yds.)	\$12.70/cy			85		
Concrete (cu.yds.)	N/A			11		
Plastic Edging (ft.)	\$1.65/ft					
Walkway Rock Inst. (sq.yds.)	\$9.12/sy					
Topsoil (cu.yds.)	\$21.00/cy					

Site Sketch on Back of Page

COMMENTS:

IT REPRESENTATIVE SIGNATURE

NOLA REPRESENTATIVE SIGNATURE

004998

05-0571-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested <u>2</u>		Parish # <u>2240</u>		Source #		ADVF #	
I. TYPE OF NOTIFICATION (CIRCLE ONE)				<u>ORIGINAL</u>		REVISED CANCELED	
II. FACILITY INFORMATION				Contact: John Martin			
OWNER NAME: U.S. EPA Region 6				Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave							
City: Dallas				State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.				La. Contractor's License #: 26445		DEQ ID #: 7S00008	
Address: 113 Ondine Lane							
City: Slidell				State: LA		Zip: 70456	
Contact: Gerald Avery				Telephone: 504-646-0039			
OTHER OPERATOR:				DEQ Project Designer #:			
Address:							
City:				State:		Zip:	
Contact:				Telephone:			
III. TYPE OF OPERATION (CIRCLE ONE)				<u>Demo</u>			
				Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)				<u>YES</u>			
				NO			
Inspector's Name: Debra Bendily (LDEQ)				Inspector's Accreditation #: <u>650685</u>			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)							
Building/Component Name: Home (#571)				Fire Marshall Project #:			
Street Address: <u>(b) (6)</u>							
City: Gretna		State: LA		Zip: 70053		Parish: Jefferson	
Site Location: Sides and back of the house in yard				Telephone: NA			
Building Size: NA		# of Floors: NA		Age in Years: NA			
Present Use: NA				Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116							
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:		RACM to be Removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
1. Regulated ACM to be removed							
2. Category I ACM not removed							
3. Category II ACM not removed							
		Cat I		Cat II		UNIT	
Pipes						Ln Ft: Ln m:	
Surface Area						Sq Ft: Sq m:	
Vol RACM off Facility Component						Cu Ft: Cu m: <u>15</u>	
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)				Start:		Complete:	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)				Start:		Complete:	

004939

05-0571-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:

Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors #3 <i>Vaughan Contractors</i>	Contact Person: Jerry Avery #3 <i>H.P. Vaughan</i>
Address: 113 Ondine Lane #3 <i>685 Bridge City Ave</i>	
City: Slidell #3 <i>Bridge City</i>	State: LA
Zip: 70458 #3 <i>70094</i>	Telephone#: 504-646-0039 #3 <i>(504)-436-7777</i>

WASTE TRANSPORTER #2

Name: <i>B+S Equipment Co, Inc</i>	Contact Person: <i>Billy Ryels</i>
Address: <i>1713 Winchester Place</i>	
City: <i>Harvey</i>	State: <i>LA</i>
Zip: <i>70058</i>	Telephone #: <i>(504) 340-2091</i>

XIII. WASTE DISPOSAL SITE:

Name: <i>Jefferson Parish Landfill (Kelvin Landfill)</i>			
Location: <i>5800 Avondale 90 West</i>			
City: <i>Avondale</i>	State: <i>LA</i>	Zip: <i>70094</i>	Telephone: <i>(504) 436-0244</i>

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will used wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John Martin
(Signature of Owner/Operator/Contractor)

10-3-96
(Date)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John Martin
(Signature of Owner/Operator/Contractor)

10-3-96
(Date)

PURSUANT TO R.S. 40:1574 A & B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005000

05-0571-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-6-98
SITE #: 571

ADDRESS: (b) (6)
GRENA LA

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

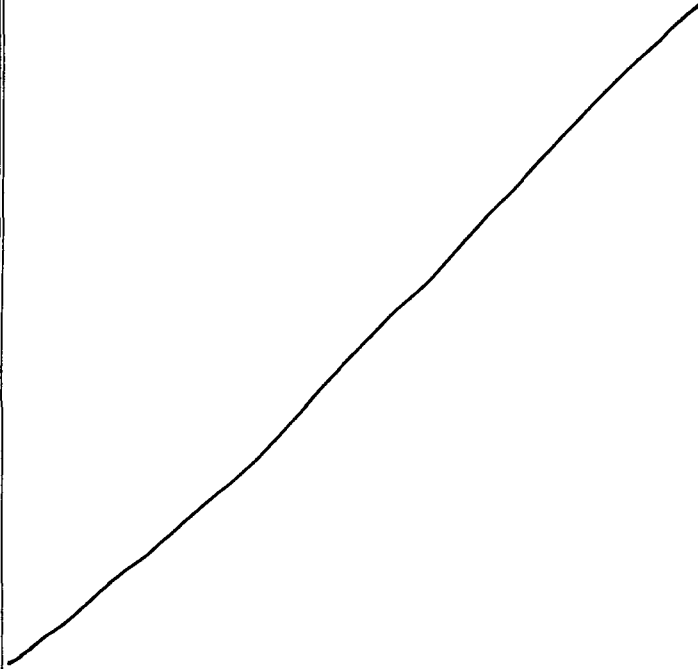
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

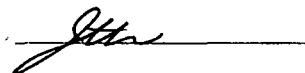
☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	<u>NO VISIBLE ACM</u>

TEAM MEMBERS:



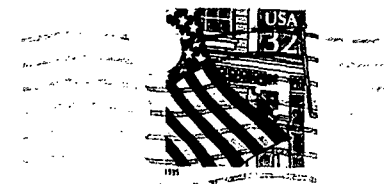
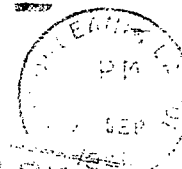
005001

05-0571-540

(b) (6)

*John Martin
6SF-R2*

OPENED BY
SERVICE DESK
SEP 25 1996

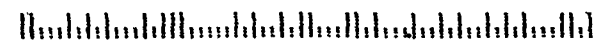


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ross avenue - SUITE 1200
DALLAS, TEXAS 75202-2733

05-0571-600

005002

75202-2794 54



FIELD DATA SHEET 1

Site Information:

Occupant:	(b) (6)	Interviewee:	(b) (6)
Address:	Metna LA		
Phone No.:	(b) (6)		
Owner Name, Address and Phone No. if Different Than Occu	(b) (6)		

Site Description:

1) Description of property (circle):	single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle):	locked gate; gate; dogs; other none resolution:
3) Underground utilities installed by owner? (circle):	no; water; gas; electric; cable TV; septic tank; other water in front Note location on site sketch.
4) Is any underground ACM present? (circle):	yes; no; don't know If yes, note on site sketch. How deep?

Site Sketch:

Estimated Volume of ACM: (315) 43x9 (313) 83x9

Comments:

replace with limestone
TL. asked husband if he wanted the limestone
or the concrete and he said he would like → CONCRETE 11/22 0730

Date/Time of Interview: 10/4/96 11:35 Access Granted (circle): yes; no

Team Members:

Newchurch / Rhonda

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: 70053 Phone Number(s): (b) (6) (double)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 *et seq.* Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96

DATE

(b) (6)

SIGNATURE

TRACKING# 572
~~573~~

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6) - Gretna
State/Zip: 70053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. ☒ Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

Sept. 4, 1996
DATE

(b) (6)
SIGNATURE

05-0572-520

005005

**WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM**

FYI:

SITE# 572/573

ADDRESS: (b) (6)
Gretna, La. 70053

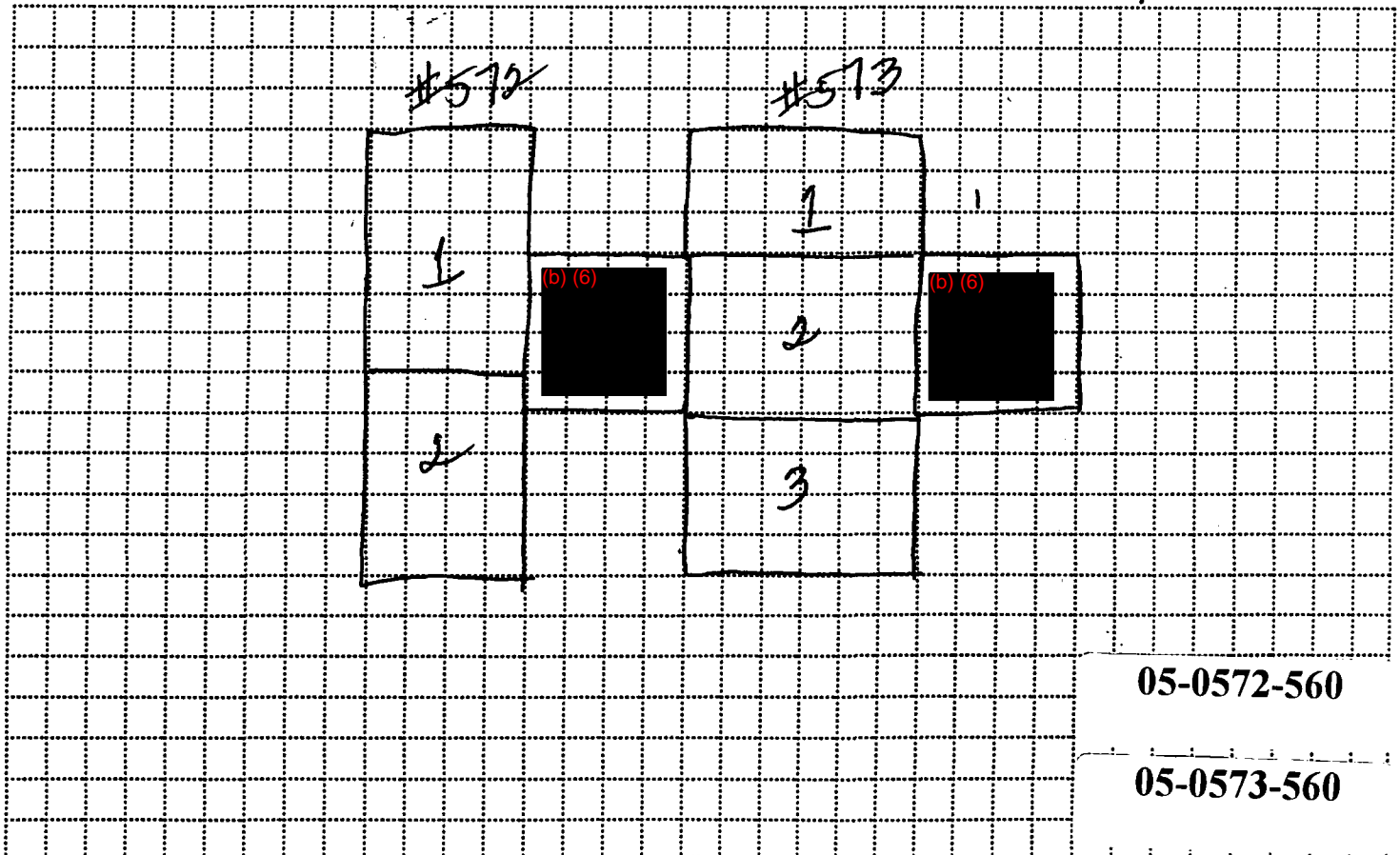
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 10/29/96.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION: 572 grid 1 ✓ 572 grid 2 ✓ 573 grid 1 ✓ 573 grid 2 ✓ 573 grid 3 ✓

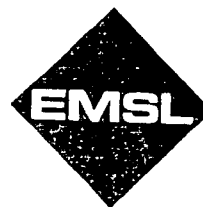
B. FURTHER ACTION NECESSARY: _____

↑ N



AUTHORIZED EPA/START REPRESENTATIVE

Modale E. Ball
005006



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Friday, October 25, 1996

Ref Number: TX962600

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS102301MA	# 314	Tan Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Amosite		98% Other	
WBS102302MA	# 314	Tan Non-Fibrous Homogeneous	Teased	10% Chrysotile < 1% Amosite		90% Other	
WBS102303MA	# 314	Tan Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Amosite		98% Other	
WBS102304MA	# 314	Tan Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Amosite		98% Other	
WBS102305MA	# 572	Tan Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Amosite		98% Other	
WBS102306MA 0	# 572	Tan Non-Fibrous Homogeneous	Crushed	5% Chrysotile < 1% Amosite		95% Other	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "Number of Layers" refers to number of separable subsamples.

05-0572-570

05-0573-570

Carlos D. Salinas
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

005007

EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Friday, October 25, 1996

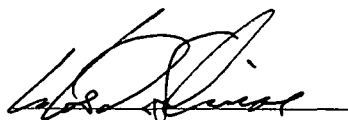
Ref Number: TX962600

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS102357MA	#573	Brown Non-Fibrous Homogeneous	Crushed		None Detected		100% Other
WBS102358MA	#573	Brown Non-Fibrous Homogeneous	Crushed		< 1% Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Carlos D. Salinas
Analyst

05-0572-570

05-0573-570


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

005008



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Monday, October 28, 1996

Ref Number: TX962616

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS102401-GR	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	6%	Chrysotile	2%	Glass 92% Other
WBS102402-GR		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile < 1% Amosite		100% Other
WBS102403-GR		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS102404-MA		Brown Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

05-0572-570

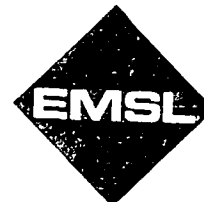
Carlos D. Salinas
Analyst

05-0573-570

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

005009



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Friday, October 25, 1996

Ref Number: TX962556

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm ²	fibers/cc
WBA102101MA	(b) (6)	10/21/96	2588.10	12.0	100	0.0010	15.29	0.0023
WBA102102MA	(b) (6)	10/21/96	2589.80	10.0	100	0.0010	12.74	0.0019
WBA102103MA	(b) (6)	10/21/96	2596.70	12.0	100	0.0010	15.29	0.0023
WBA102104GR	(b) (6)	10/21/96	3464.00	5.0	100	0.0008	6.37	<LOD
WBA102105GR	(b) (6)	10/21/96	3233.50	14.5	100	0.0008	18.47	0.0022
WBA102106GR	(b) (6)	10/21/96	3259.20	13.0	100	0.0008	16.56	0.0020

05-0572-572

Steven Duhon
Analyst

05-0573-572

Approved
Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.
Analysis performed by EMSL of Houston.

005010



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Friday, October 25, 1996

Ref Number: TX962577

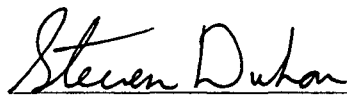
PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm ²	fibers/cc
WBA102201GR	(b) (6)	10/22/96	4379.00	10.0	100	0.0006	12.74	0.0011
WBA102202GR	(b) (6)	10/22/96	4350.00	18.5	100	0.0006	23.57	0.0021
WBA102203GR	(b) (6)	10/22/96	4352.90	21.5	100	0.0006	27.39	0.0024
WBA102204GR	(b) (6)	10/22/96	4329.70	17.5	100	0.0006	22.29	0.0020

05-0572-572

05-0573-572


Steven Duhon
Analyst


Approved
Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.
Analysis performed by EMSL of Houston.

005011



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Thursday, October 31, 1996


Ref Number: TX962662

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS-1029-01GR	#572	Tan Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		100% Other
WBS-1029-02GR	#572	Tan Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		100% Other
WBS-1029-03GR	#573	Tan Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Carlos D. Salinas
Analyst

05-0572-570

05-0573-570


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Westmont, NJ
(609) 858-1260

Piscataway, NJ
(908) 981-0550

Carle Place, NY
(516) 997-7251

Smyrna, GA
(404) 333-6066

Houston, TX
(713) 686-3635

Ann Arbor, MI
(313) 668-6810

San Mateo, CA
(415) 570-5401

EMSL

Thursday, October 31, 1996

Ecology & Environment, Inc.
11550 Newcastle Ave., #250
Baton Rouge, LA 70816

Project: WESTBANK ASBESTOS
Attention: Ms. Madalyn Ball
Ref Number: TX962661

Asbestos Analysis of Bulk Samples Performed by Transmission Electron Microscopy (TEM) Chatfield Method*

SAMPLE ID	COLOR	% NON-ASB FIBROUS STRUCTURES	%NON-FIBROUS MATERIAL	TEM RESULTS* % ASBESTOS
WBS1029-01GR	SOIL	0%	100%	< 1% ✓

572
10/29

Analyst

Laboratory
Supervisor

*Results near 1% are not reliable by this method and a more accurate TEM method is recommended.

**To ensure results, EMSL recommends the use of SEM as a quality control measure. Without SEM QC the current diagnosis error rate for TEM/NOB and TEM/Chatfield occurs at a frequency of approximately 1-2% of samples analyzed. Without SEM QC, EMSL is not responsible for errors which could have been prevented with SEM QC.

05-0572-573

ACCREDITATIONS: NVLAP #2106

005013

Friday, October 25, 1996

Ecology & Environment, Inc.
550 Newcastle Ave. #250
Baton Rouge, LA 70816

Project: 020601 Westbank Asbestos
Attention: Madalyn Ball
Ref Number: TX962599

Asbestos Analysis of Bulk Samples Performed by Transmission Electron Microscopy (TEM) Chatfield Method*

SAMPLE ID	COLOR	% NON-ASB FIBROUS STRUCTURES	%NON-FIBROUS MATERIAL	TEM RESULTS* % ASBESTOS
314 WBS102303MA	Brown	0%	93%	1%-5% ✓
314 WBS102304MA	Brown	0%	95%	1%-5% ✓
572 WBS102305MA	Brown	0%	93%	1%-5% ✓
573 WBS102307GR	Brown	0%	88%	Trace <1% ✓

Analyst

Laboratory Supervisor

*Results near 1% are not reliable by this method and a more accurate TEM method is recommended.

**To ensure results, EMSL recommends the use of SEM as a quality control measure. Without SEM QC the current diagnosis error rate for TEM/NOB and TEM/Chatfield occurs at a frequency of approximately 1-2% of samples analyzed. Without SEM QC, EMSL is not responsible for errors which could have been prevented with SEM QC.

ACCREDITATIONS: NVLAP #2106

recycled paper

05-0572-573

005014

Ecology and Environment

Westmont, NJ
(309) 858-1260

Piscataway, NJ
(908) 981-0550

Carle Place, NY
(516) 997-7251

Smyrna, GA
(404) 333-6066

Houston, TX
(713) 686-3635

Ann Arbor, MI
(313) 668-6810

San Mateo, CA
(415) 570-5401

EMSL

Friday, October 25, 1996

Ecology & Environment, Inc.
1550 Newcastle Ave. #250
Baton Rouge, LA 70816

Project: 020601 Westbank Asbestos
Attention: Madalyn Ball
Ref Number: TX962599

Asbestos Analysis of Bulk Samples Performed by Transmission Electron Microscopy (TEM) Chatfield Method*

SAMPLE ID	COLOR	% NON-ASB FIBROUS STRUCTURES	%NON-FIBROUS MATERIAL	TEM RESULTS* % ASBESTOS
314 WBS102303MA	Brown	0%	93%	1%-5% ✓
314 WBS102304MA	Brown	0%	95%	1%-5% ✓
572 WBS102305MA	Brown	0%	93%	1%-5% ✓
573 WBS102307GR	Brown	0%	88%	Trace <1% ✓

Analyst

Laboratory Supervisor

*Results near 1% are not reliable by this method and a more accurate TEM method is recommended.

**To ensure results, EMSL recommends the use of SEM as a quality control measure. Without SEM QC the current diagnosis error rate for TEM/NOB and TEM/Chatfield occurs at a frequency of approximately 1-2% of samples analyzed. Without SEM QC, EMSL is not responsible for errors which could have been prevented with SEM QC.

ACCREDITATIONS: NVLAP #2106

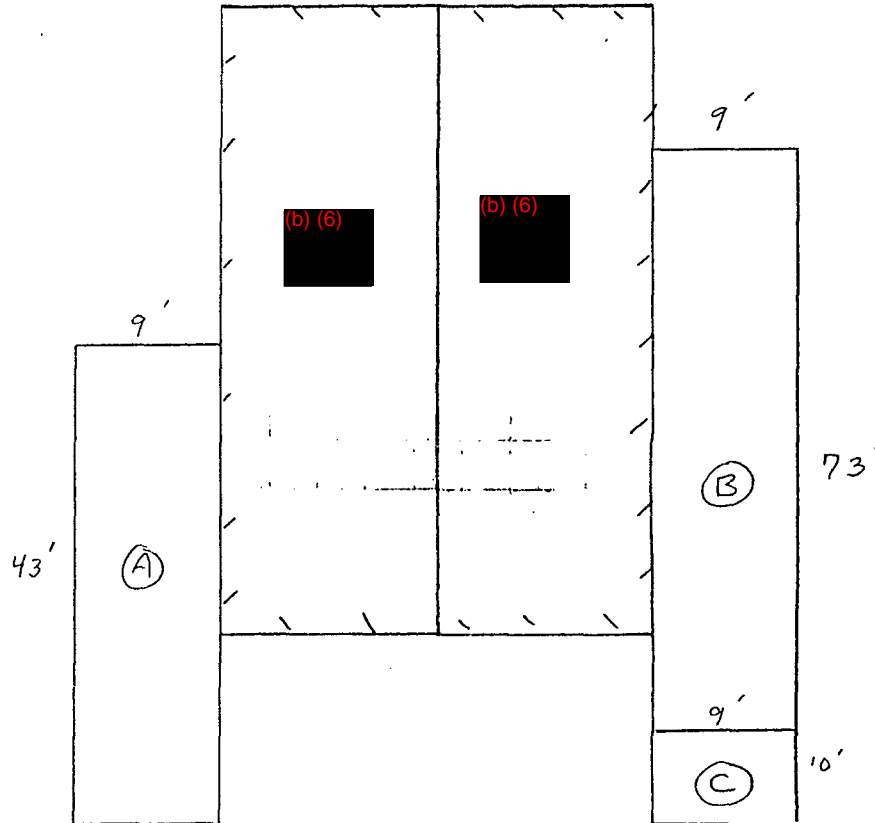
recycled paper

05-0573-573

005015



By _____ Date _____ Subject Site 572 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 3	Parish # 2240	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE) <u>ORIGINAL</u> REVISED CANCELED			
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell	State: LA	Zip: 70456	
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:	State:	Zip:	
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE) <u>Demo</u> Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) <u>YES</u> NO		Inspection Date: Jan. - Apr. 1996	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 610685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home - Duplex (#572 & #573)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: Both sides of duplex in yard		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. <u>Regulated ACM to be removed</u> 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I	Cat II
			UNIT
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 21
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start:	Complete:
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start:	Complete:

005017

05-0572-550

05-0573-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:

Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:

Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors #3 Vaughan Contractor	Contact Person: Jerry Avery #3 H.P. Vaughan
Address: 113 Ondine Lane #3 695 Bridge City Ave	
City: Slidell #3 Bridge City	State: LA
Zip: 70458 #3 70094	Telephone #: 504-646-0039 #3 504-436-7777

WASTE TRANSPORTER #2

Name: B & S Equomat Co., Inc.	Contact Person: B. H. Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: 504-240-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kellum Landfill)
Location: 5800 Avondale Rd West
City: Avondale
State: LA
Zip: 70094
Telephone: 504-436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):


XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.


 10-3-96
 (Signature of Owner/Operator/Contractor) (Date)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.


 10-3-96
 (Signature of Owner/Operator/Contractor) (Date)

PURSUANT TO R.S. 40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005018

05-0572-550

05-0573-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98
SITE #: 572

ADDRESS: (b) (6)
Gretna

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<div>No ACM</div>	

TEAM MEMBERS:

MTL/PLC

005019

05-0572-540

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98
SITE #: 573

ADDRESS: (b) (6)
Gretna

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

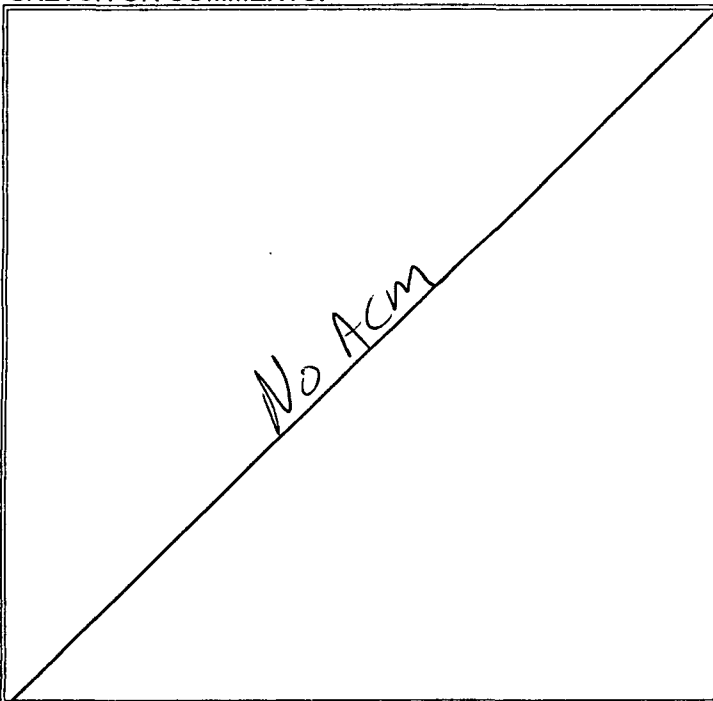
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	_____

TEAM MEMBERS: MTL/PLV

05-0573-540

005020

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Shatma, LA 70053</u> (b) (6)	
Phone No: _____	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): single home; <u>duplex</u> ; business; school; daycare; church; vacant house; vacant lot; other <u>also own Shatma</u> (b) (6)
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>No</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other <u>water in front</u> Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:

Estimated Volume of ACM: _____ = _____ sq ft x _____ depth (ft)

Comments: dirtDate/Time of Interview: 9/24/96 1612 hours Access Granted (circle): yes noTeam Members: Anna Shapiro / Kim Rhodes / Todd Schubert

005021

05-0574-510

05-0575-510

gave to
cust to
make in
Received
10/10/96
✓

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: LA 70053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/10/96

DATE

(b) (6)

SIGNATURE

05-0574-520

05-0575-520

005022

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE#

574/575

ADDRESS:

(b) (6)

Gretna, Ja.

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 10/24/96.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

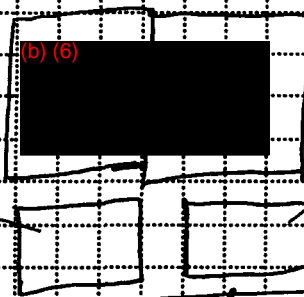
A. PROCEED WITH RESTORATION:

(574)
grid 1 ✓

(575)
grid 1 ✓

B. FURTHER ACTION NECESSARY:

↑ N ~~HAZAR~~



WB510240262

WB510240262

05-0574-560

05-0575-560

AUTHORIZED EPA/START REPRESENTATIVE

Modaly E. Ball
005023



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Monday, October 28, 1996

Ref Number: TX962616

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS102401-GR (b) (6)		Brown Non-Fibrous Homogeneous	Teased	6%	Chrysotile	2% Glass	92% Other
WBS102402-GR		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile < 1% Amosite		100% Other
WBS102403-GR		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS102404-MA		Brown Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas
Analyst

05-0575-570

05-0574-570

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 674 II
844 AVE A, W

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoll (cu.yds.)							
EXTRA						\$125.00	

Site Sketch on Back of Page

COMMENTS: EXTRA IS FOR REMOVAL AND REPLACEMENT OF PART OF
A CONCRETE WALKWAY AND INSTALLING PLASTIC DRAIN BOX IN THIS
WALKWAY (SEE ATTACHED) APPROVED BY JIM MONTEGUT USACE

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

Jane M. Green 10-18-97
Dwight Branch 10/18/97

005025

05-0574-590

05-0575-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested <div align="center">1</div>		Parish # <div align="center">2240</div>		Source #		ADVF #	
I. TYPE OF NOTIFICATION (CIRCLE ONE)				ORIGINAL		REVISED	
II. FACILITY INFORMATION				Contact: John Martin			
OWNER NAME: U.S. EPA Region 6				Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave							
City: Dallas				State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.				La. Contractor's License #: 26445		DEQ ID #: 7S00008	
Address: 113 Ondine Lane							
City: Slidell				State: LA		Zip: 70456	
Contact: Gerald Avery				Telephone: 504-646-0039			
OTHER OPERATOR:				DEQ Project Designer #:			
Address:							
City:				State:		Zip:	
Contact:				Telephone:			
III. TYPE OF OPERATION (CIRCLE ONE)				Demo		Ordered Demo	
				Renovation		Emergency Reno	
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)				YES		NO	
				Inspection Date: Jan. - Apr. 1996			
Inspector's Name: Debra Bendily (LDEQ)				Inspector's Accreditation #:			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)							
Building/Component Name: Home (# 574 and 575 - Duplex)				Fire Marshall Project #:			
Street Address: (b) (6)							
City: Gretna		State: LA		Zip: 70053		Parish: Jefferson	
Site Location: In front yard of duplex				Telephone: NA			
Building Size: NA		# of Floors: NA		Age in Years: NA			
Present Use: NA				Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116							
VII. APPROXIMATE AMOUNT OF ASBESTOS INCLUDING:		RACM to be Removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
1. Regulated ACM to be removed							
2. Category I ACM not removed							
3. Category II ACM not removed							
				Cat I	Cat II	UNIT	
Pipes						Ln Ft:	Ln m:
Surface Area						Sq Ft:	Sq m:
Vol RACM off Facility Component						Cu Ft:	Cu yds: 5
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)				Start:		Complete:	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)				Start:		Complete:	

005026

05-0574-550

05-0575-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors ^{#3} <i>Vaughan Contractors</i>	Contact Person: Jerry Avery ^{#3} <i>H.P. Vaughan</i>
Address: 113 Ondine Lane ^{#3} <i>685 Bridge City Ave</i>	
City: Slidell ^{#3} <i>Bridge City</i>	State: LA
Zip: 70458 ^{#3} <i>70094</i>	Telephone #: 504-646-0039 ^{#3} <i>(504) 436-7777</i>

WASTE TRANSPORTER #2

Name: <i>B+S Equipment Co Inc</i>	Contact Person: <i>Billy Ryals</i>
Address: <i>1713 Winchester Place</i>	
City: <i>Harvey</i>	State: <i>LA</i>
Zip: <i>70058</i>	Telephone #: <i>(504) 340-2091</i>

XIII. WASTE DISPOSAL SITE:

Name: <i>Jefferson Parish Landfill (Kelvin Landfill)</i>
Location: <i>5800 Avondale 90 West</i>
City: <i>Avondale</i>
State: <i>LA</i>
Zip: <i>70094</i>
Telephone: <i>(504) 436-0244</i>

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will used wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John Martin 10-3-96
(Signature of Owner/Operator/Contractor) (Date)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John Martin 10-3-96
(Signature of Owner/Operator/Contractor) (Date)

PURSUANT TO R.S. 40:1574 A & B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005027

05-0574-550

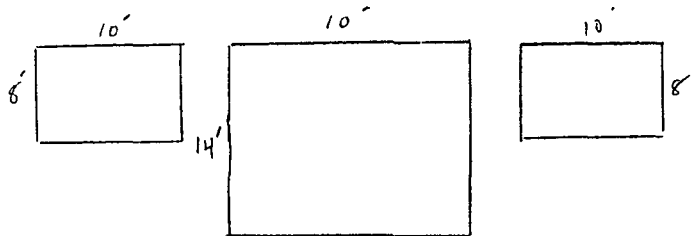
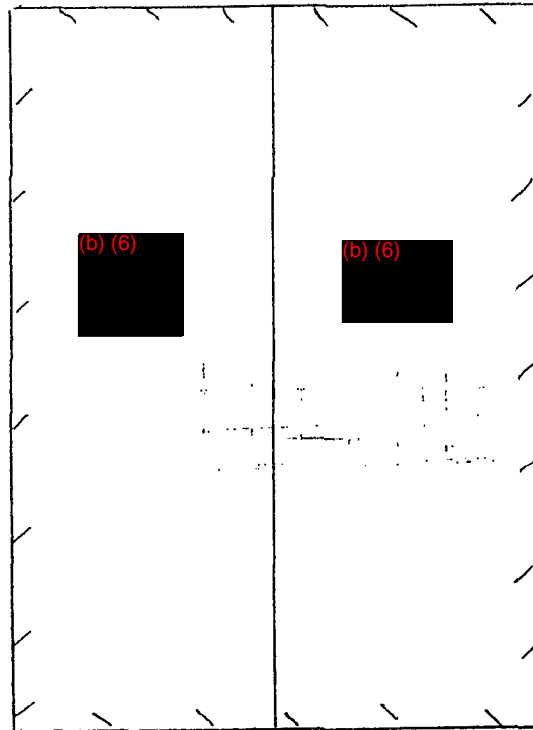
05-0575-550



INTERNATIONAL
TECHNOLOGY
CORPORATION



By _____ Date _____ Subject Site 574 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



005028

05-0574-590

05-0575-590



CITY OF WESTWEGO

ROBERT E. BILLIOT
MAYOR

OFFICE OF THE MAYOR

(504) 347-5745

September 22, 1997

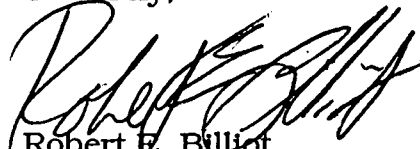
United States Environmental
Protection Agency
2150 Westbank Expressway
Rear Trailer/Behind State Office Bldg.
Harvey, LA 70058

Dear Sir,

Would you please inspect the property at (b) (6).
(b) (6). It is my understanding that a drain on her property has been covered
with concrete after the asbestos removal.

Please make every effort to correct this situation. I look forward to
receiving your full cooperation. With best regards, I am

Sincerely,


Robert E. Billiot
Mayor

REB/srh

cc: (b) (6)

10/06/97

RC INFORMED THE MAYOR BY PHONE THAT THE SITUATION HAD BEEN
RESOLVED TO (b) (6) SATISFACTION.

Site # 674 II

05-0574-600

005029

05-0575-600

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98
SITE #: 574

ADDRESS: (b) (6)
Gretna

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<i>No ACM</i>	_____

TEAM MEMBERS: MTL / PLL

05-0574-540

005030

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98
SITE #: 575

ADDRESS: (b) (6)
Ortna

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<i>No ACM</i>	_____

TEAM MEMBERS:

MTL/PLL

05-0575-540

005031

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>[redacted], Brenta, LA 70053</u>	
Phone No.: <u>[redacted]</u>	
Owner Name, Address, and Phone No. if Different Than Occupant: <u>(b) (6)</u> <i>/ will be out-of-town Thurs + Friday.</i>	

Site Description:

1) Description of property (circle):	single home <u>duplex</u> ; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle):	<u>locked gate</u> ; gate; <u>dogs</u> ; other _____ resolution: _____
3) Underground utilities installed by owner? (circle):	<u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle):	yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:

call owner about replacing compost in back yard. maybe replace w/ bags of compost? or find out specifics

12x15 ACM Duplex Shed

(b) (6)

Estimated Volume of ACM:	<u>(33x26) (12x8)</u>
Comments: <i>Please call (b) (6) prior to removal limestone w/ to make appointment. Call (b) (6) ~ 6:00 edging</i>	
<i>2/14/97 0842h-1 - STANT called owner - removal to begin tomorrow - he approved - thank</i>	
Date/Time of Interview:	<i>16:40 9/24/96</i> Access Granted (circle) <u>yes</u> no
Team Members: <i>Rhodes / Shubodeaux</i>	

2/15/97 1018hr - STANT called about not going to his site today and probably be there next Mon or Tues. - Tmr

05-0576-510

005032

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6)
State/Zip: LA 70053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10.7.96

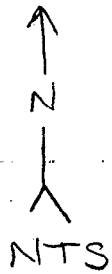
DATE

(b) (6)

SIGNATURE

005033

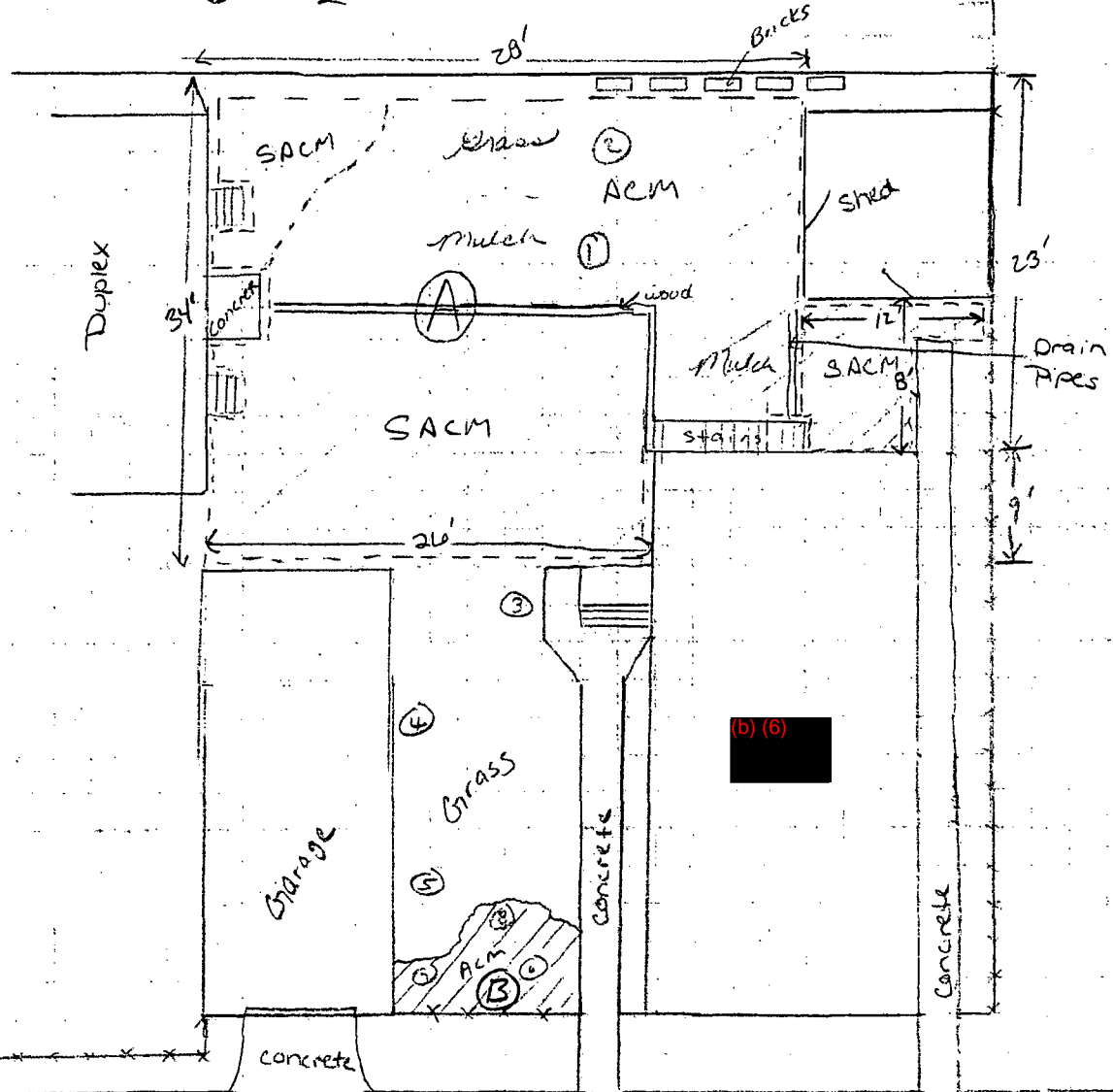
05-0576-520



2-22-97 Re-investigation

- found additional ACM in driveway by fence - report observation to IT & USACE.

#	cover	material
③	4	concrete
④	2	concrete
⑤	4	concrete
⑥	1"	2"
⑦	3"	2"
⑧	2"	1"



No. 5505
Engineer's Computation Pad



restoration approved by: (property owner)

SACM = Surface ACM
Removal & Restoration

Area ① - remove up to binders, be careful of structures, steps, and supports for stairs to top opt., geotexture, all concrete.

1/21/97

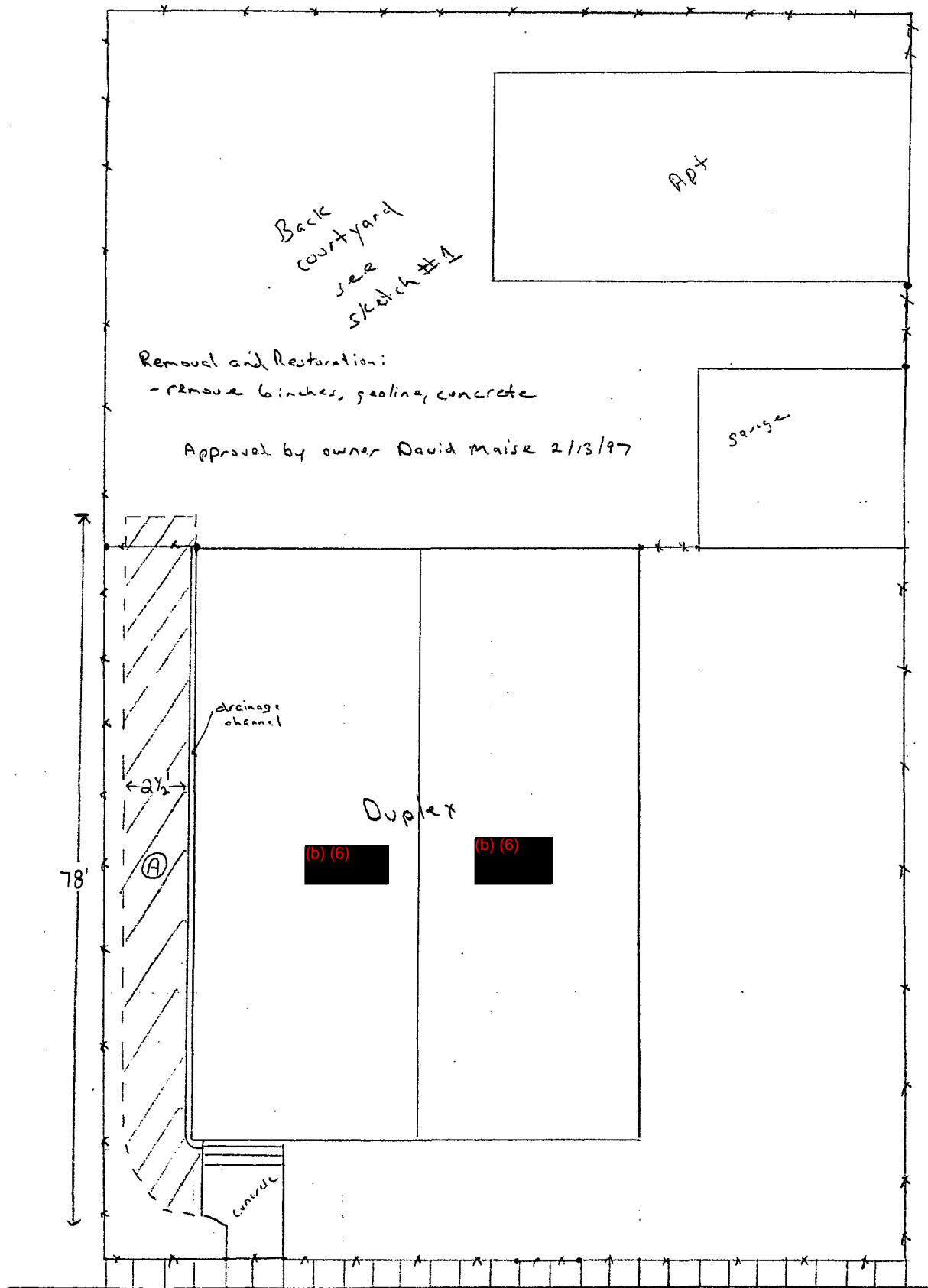
③ Limestone

005034

#	cover	depth
①	3"	3"
②	3"	3"

05-0576-530

1/22/97 1540hrs - spoke to (b) (6) approved restoration as shown, he will remove mulch, need to notify (b) (6) 4/8 hrs about removal she has a baby and is very concern about potential exposure - Tmw



Troy M. Nequin
2/13/97

05-0576-530

Gratna

005035

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE#

576

ADDRESS:

(b) (6)

Gretwa

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO Laboratory Results as of 2/22/96

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #:

1 2

3 4

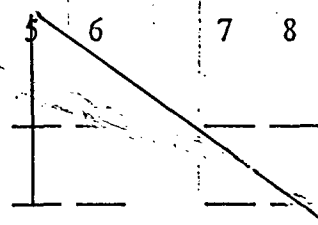
5 6

7 8

A. PROCEED WITH RESTORATION:

☒ ☒

☒ ☒



B. FURTHER ACTION NECESSARY:

☐ ☐

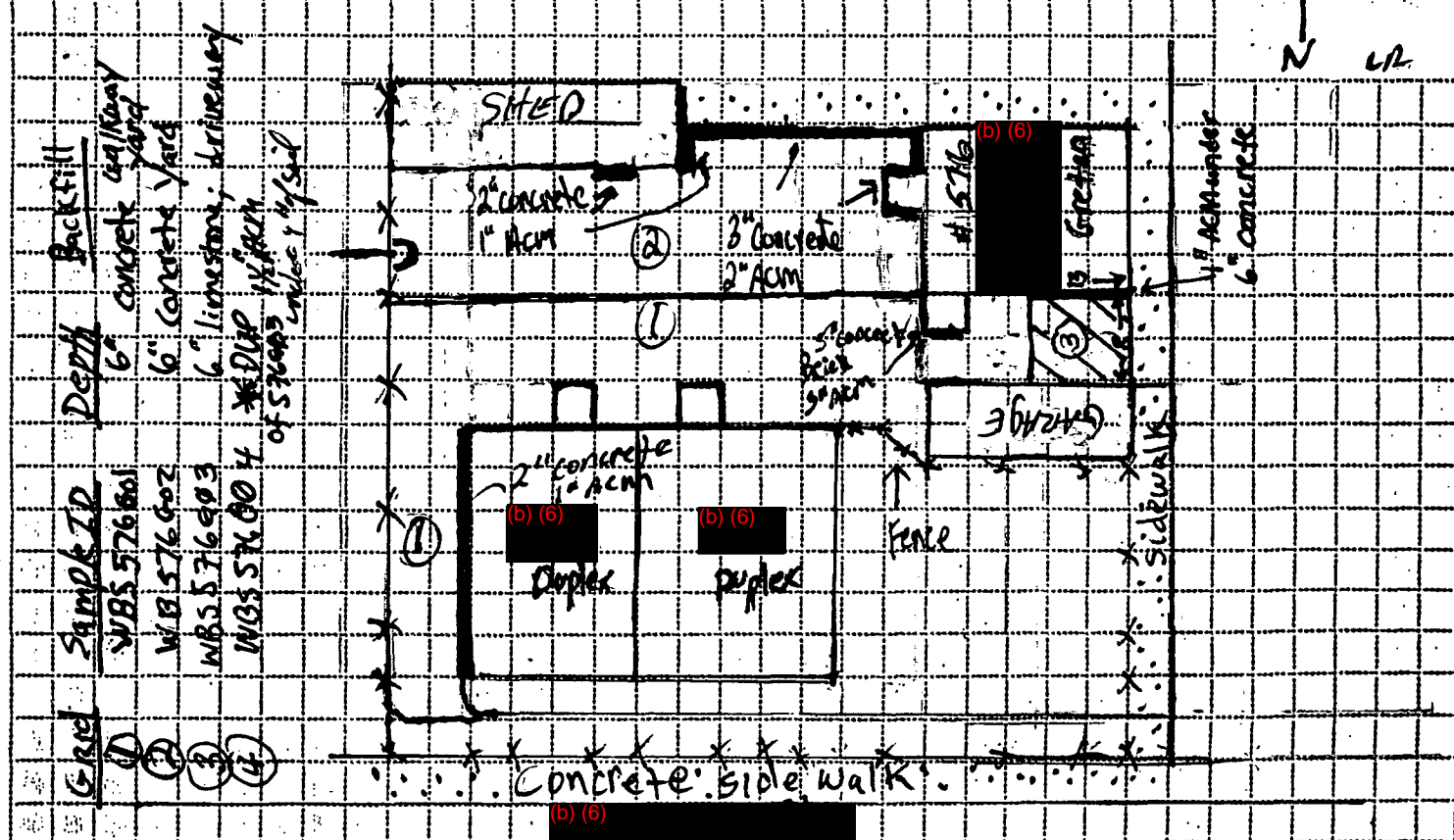
☐ ☐

- Visible ACM highlighted Below (1) and (2)
- Geoline 2-20-97

NTS

2/21/97

N LR



005036

05-0576-560

AUTHORIZED EPA/START REPRESENTATIVE

Lawrence Reed

Westmont, NJ 800-553-4900 Piscataway, NJ 800-553-4900 Carlo Place, NY 516-887-7351 Waukegan, NY 212-290-0552 Seattle, WA 206-323-0007 Ann Arbor, MI 313-483-4810 San Mateo, CA 415-870-5401 Smyrna, GA 404-333-6006 Greensboro, NC 910-297-1487 Houston, TX 713-686-3636

EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Wednesday, March 12, 1997

Ref Number: TX97754

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS576G03	(b) (6)	Brown	Teased	50%	Chrysotile		50% Other
		Fibrous					
		Homogeneous					
WBS576G04		Brown	Teased	40%	Chrysotile		60% Other
		Fibrous					
		Homogeneous					
WBS402G01		Brown	Teased	2%	Chrysotile		98% Other
		Fibrous					
		Homogeneous					
WBS402G02		Brown	Teased		None Detected		100% Other
		Fibrous					
		Homogeneous					
WBS391G01		Brown	Teased	2%	Chrysotile		98% Other
		Fibrous					
		Homogeneous					
WBS391G02		Brown	Teased	< 1%	Chrysotile		100% Other
		Fibrous					
		Homogeneous					

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

1

05-0576-570

005037

Westmont, NJ 908-658-6800	Piscataway, NJ 908-981-0650	Carle Place, NY 516-907-7251	Manhattan, NY 212-590-0052	Seattle, WA 206-233-9007	Ann Arbor, MI 313-488-4210	San Mateo, CA 415-870-6401	Sunnyvale, CA 408-533-8000	Greensboro, NC 910-237-1457	Houston, TX 713-486-5535
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EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, February 18, 1997

Ref Number: TX97436

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS576 <i>576: Note: chips of walkway suspected to be ACM</i>	576 WALKWAY	Grey Fibrous Homogeneous	Teased	55%	Chrysotile		45% Other
WBS276GO2	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS582GO1		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS583GO1		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS583GO2		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS583GO3		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas
Carlos D. Salinas
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

005038

05-0576-570

Charlotte, NJ 800-455-4555
 Florham Park, NJ 908-401-0000
 Carlo Place, NY 516-807-7251
 Manhattan, NY 212-260-0000
 Seattle, WA 206-220-0000
 Ann Arbor, MI 313-468-4040
 San Diego, CA 619-570-5400
 Bayview, MI 484-323-0000
 Greenboro, NC 910-827-1400
 Knoxville, TN 713-686-3645

EMSL

Ecology & Environment, Inc.
 11550 Newcastle Ave. #250
 Baton Rouge, LA 70816

Monday, February 24, 1997

Ref Number: TX97541

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WB9508G03A	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	3%	Chrysotile		97% Other
WB9576G01		Gray Fibrous Homogeneous	Teased	12%	Chrysotile		88% Other
WB9576G02		Tan Fibrous Homogeneous	Teased	15%	Chrysotile		85% Other
WB9281G01		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WB9281G02		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WB9281G03		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.
 Also, "% of Layers" refers to number of separable subsamples.


 Carlos D. Salinas
 Analyst

Approved
 Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. This report is not guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product or not any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0576-570

005039

Westwood, NJ 908-858-8980	Piscataway, NJ 908-861-0550	Carle Place, NY 516-987-7251	Manhasset, NY 212-290-0053	Seattle, WA 206-233-9007	Ann Arbor, MI 313-663-6810	San Mateo, CA 415-570-5401	Emeryville, CA 404-333-0000	Greensboro, NC 910-297-1487	Houston, TX 713-688-3835
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Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, February 25, 1997

Ref Number: TX97513

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm ²	fibers/cc
SWA576P1A	(b) (6)	2/19/97	4219.00	6.5	100	0.0006	8.28	0.0008
SWA576P4A		2/19/97	4338.00	5.0	100	0.0006	6.37	<LOD
SWA57611A		2/19/97	4455.00	4.5	100	0.0006	5.73	<LOD
WBA576BL		2/19/97	0.00	0.0	100		0	
WBA576P1B		2/19/97	1735.00	2.0	100	0.0016	2.55	<LOD
WBA576P14B		2/19/97	1661.00	5.5	100	0.0016	7.01	<LOD



Steven Duhon
Analyst

Approved
Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.
Analysis performed by EMSL of Houston.

05-0576-572

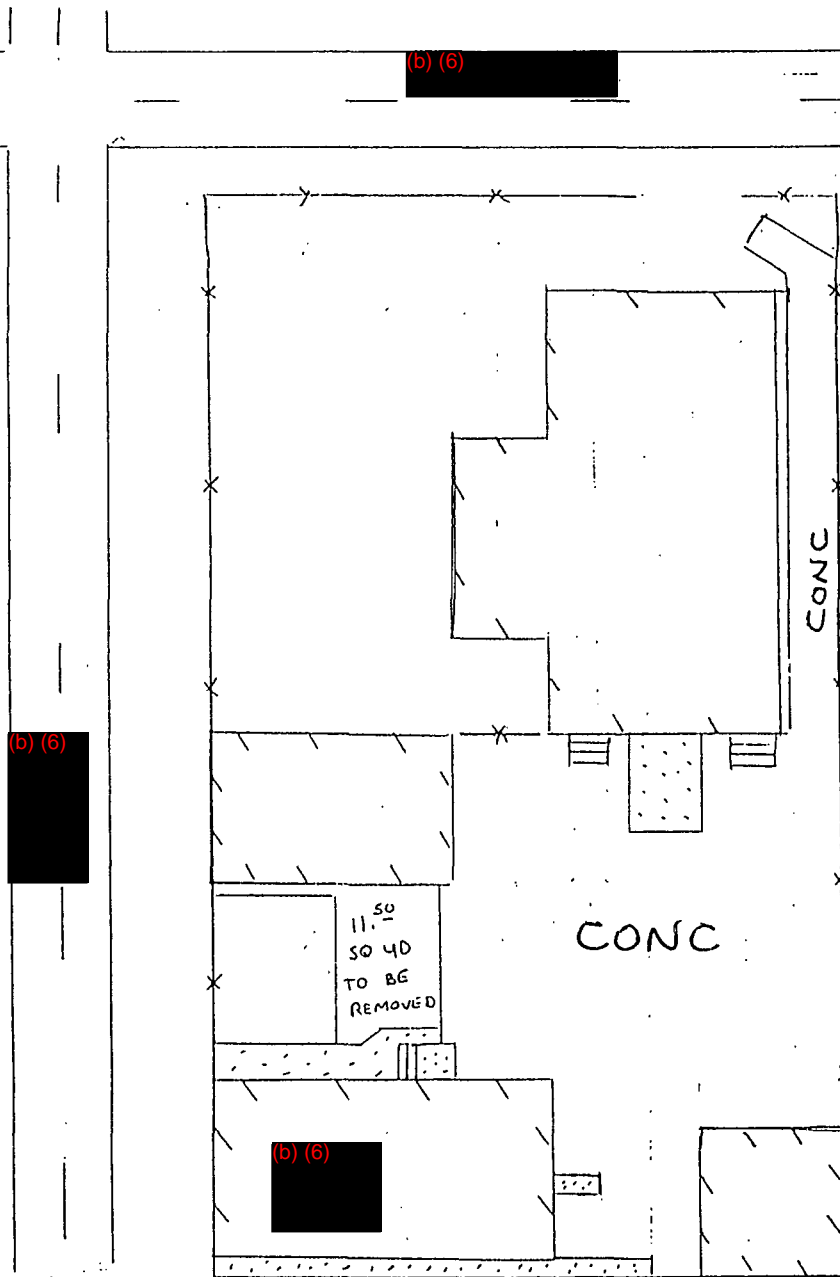
005040



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 2-21-97 Subject RESTORATION SITE # 576 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



SUBMIT PRICE FOR HIGHLIGHTED AREA
REMOVAL & RESTORATION AS AN EXTRA
ALSO CHAIN WALL AT WALKWAY 100⁰⁰

05-0576-590

005041

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1		Parish # 2240		Source #		ADVF #	
I. TYPE OF NOTIFICATION (CIRCLE ONE)				ORIGINAL		REVISED CANCELED	
II. FACILITY INFORMATION				Contact: John Martin			
OWNER NAME: U.S. EPA Region 6				Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave							
City: Dallas				State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.				La. Contractor's License #: 26445		DEQ ID #: 7S00008	
Address: 113 Ondine Lane							
City: Slidell				State: LA		Zip: 70456	
Contact: Gerald Avery				Telephone: 504-646-0039			
OTHER OPERATOR:				DEQ Project Designer #:			
Address:							
City:				State:		Zip:	
Contact:				Telephone:			
III. TYPE OF OPERATION (CIRCLE ONE)				Demo			
				Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)				YES			
				NO			
Inspector's Name: Debra Bendily (LDEQ)				Inspector's Accreditation #: 650685			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)							
Building/Component Name: Home (# 576)				Fire Marshall Project #:			
Street Address: (b) (6)							
City: Gretna		State: LA		Zip: 70053		Parish: Jefferson	
Site Location: Behind garage in back yard				Telephone: NA			
Building Size: NA		# of Floors: NA		Age in Years: NA			
Present Use: NA				Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116							
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:		RACM to be Removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
1. Regulated ACM to be removed							
2. Category I ACM not removed							
3. Category II ACM not removed							
				Cat I	Cat II	UNIT	
Pipes						Ln Ft:	Ln m:
Surface Area						Sq Ft:	Sq m:
Vol RACM off Facility Component						Cu Ft:	Cu yds: 7.5
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)				Start:		Complete:	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)				Start:		Complete:	

005042

05-0576-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: ^{#1} Quality Contractors ^{#3} Vaughan Contractors	Contact Person: Jerry Avery ^{#3} H.P. Vaughan
Address: 113 Ondine Lane ^{#3} 635 Bridge City Ave	
City: Slidell ^{#3} Bridge City	State: LA
Zip: 70458 ^{#3} 70044	Telephone #: 504-646-0039 504-436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: 504-340-2081

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)
Location: 5300 Avondale Rd West
City: Avondale
State: LA
Zip: 70004
Telephone: 504-436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will used wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.


 10-3-96
 (Signature of Owner/Operator/Contractor) (Date)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.


 10-3-96
 (Signature of Owner/Operator/Contractor) (Date)

PURSUANT TO R.S. 40:1574 A & B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

05-0576-550

005043

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98
SITE #: 576

ADDRESS: (b) (6)
Gretna

ACM LOCATED BENEATH:

☒ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

~12"

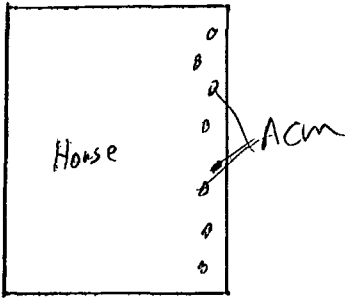
DESCRIPTION OF ACM:

☒ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

~2%

SKETCH OR COMMENTS:

	<u>Small chunks, Acm under</u>
	<u>right side of house -</u>

(b) (6)

TEAM MEMBERS: MTL/PLL

005044

05-0576-540

FIELD DATA SHEET 1

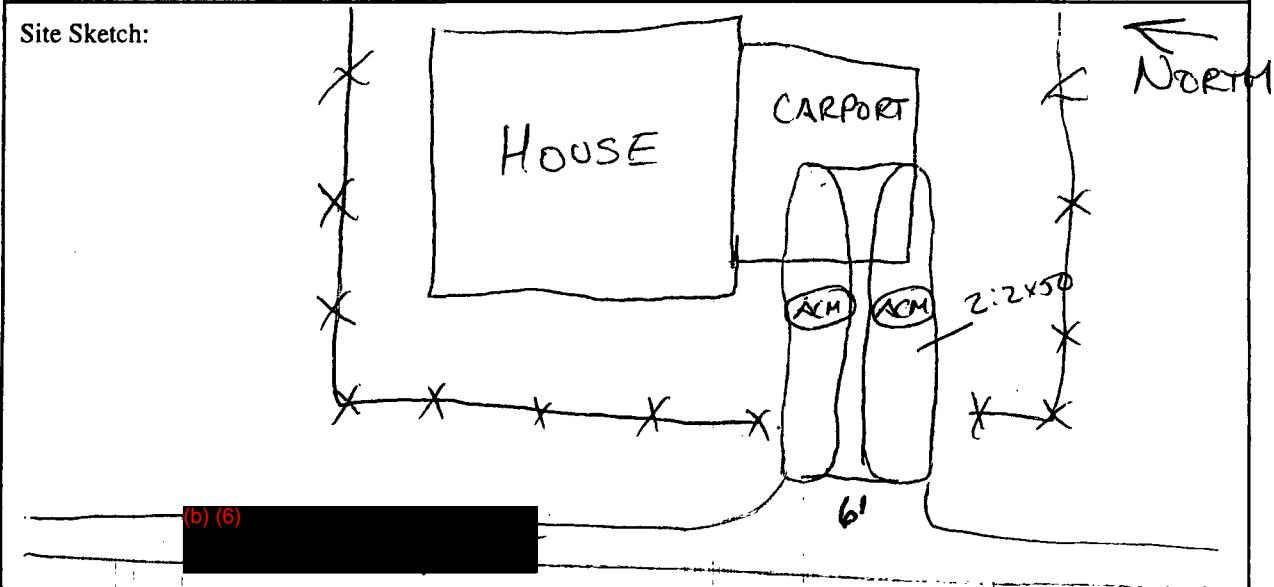
Site Information:

Occupant:	Interviewee:
Address: (b) (6)	<u>Gretna, LA</u>
Phone No (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) <u>? can't find</u>	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; <u>no</u> ; don't know If yes, note on site sketch. How deep? _____

Site Sketch:

Estimated ^{Area} Volume of ACM: 300'Comments: 11-19, spoke w/ son, said father was not home; JM/AR 1627Backfill: limestone w/ edgingDate/Time of Interview: 11-19 17:43Access Granted (circle): yes; noTeam Members: JM/AR

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: LA, 70053

Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 *et seq.* Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11-19-96

DATE

(b) (6)

SIGNATURE

005046

05-0577-520

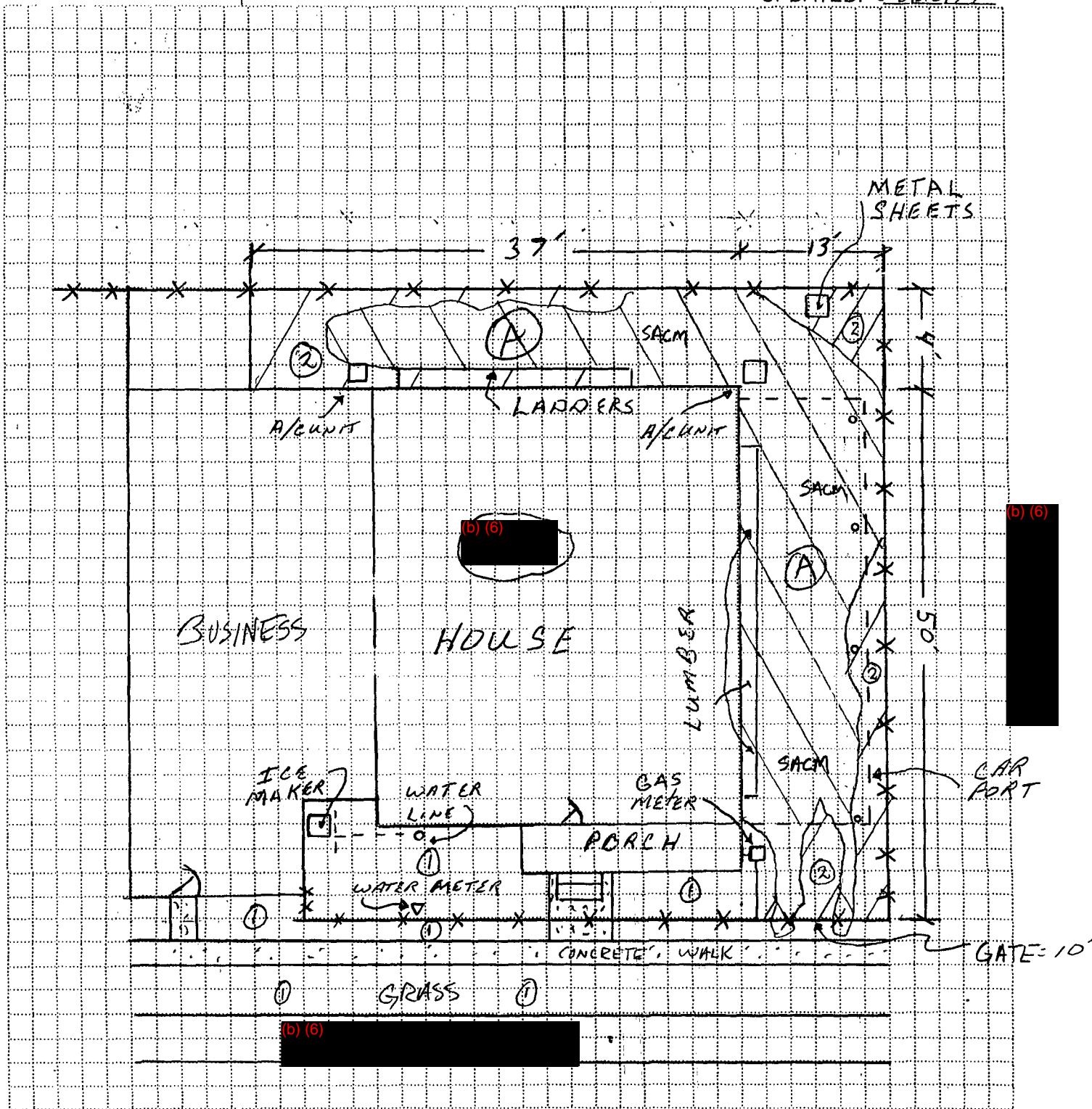
TRACKING # 577

SITE SKETCH

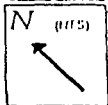
ADDRESS: (b) (6)

GRETNA

UPDATED: 06/20/97



NOTES:

80% SACM $\pm 680 \text{ ft}^2$

#	COVER	THICKNESS
①	GRASS 6+	NO ACM
②	DIRT/GRASS 1"	ACM 4+

RESTORATION: A: CONCRETE DRIVE/WALKWAY (154x13;
B: $\pm 37 \times 4$)
C:

ARRIVAL: 1245
DEPARTURE: 1400

RESTORATION APPROVED BY: (b) (6)

005047

DATE: 06/20/97

05-0577-530

TEAM: MW/JD

[Phone] DATE: 6/25/97
2027/25

FYI:

SITE# 577

ADDRESS:

(b) (6)

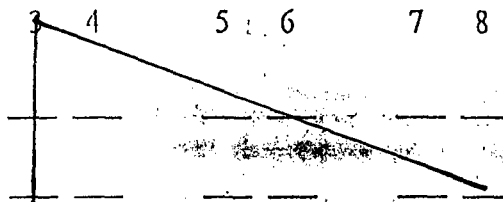
Gretina, LA

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:

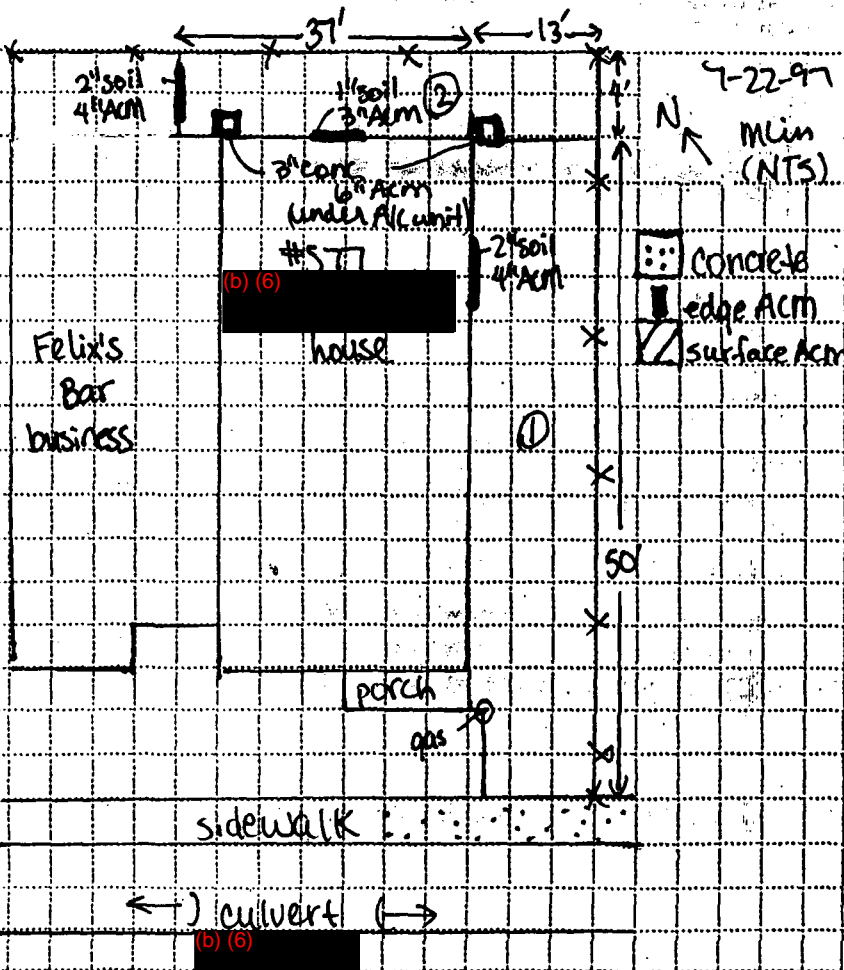


• Geolined 07-22-97

Grid Sample ID depth Backfill Area

① WB55T7G01 6'7" concrete driveway

② WBS577G02 6" concrete walkway



005048

05-0577-560

AUTHORIZED EPA/START REPRESENTATIVE Maggie Lin

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
 Indianapolis, Indiana 46250
 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Maggie Lin
 Ecology & Environmental
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Thursday, July 24, 1997

Ref Number: IN97558

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 800/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS577G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS577G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS413G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS413G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski
 Analyst

Approved
 Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

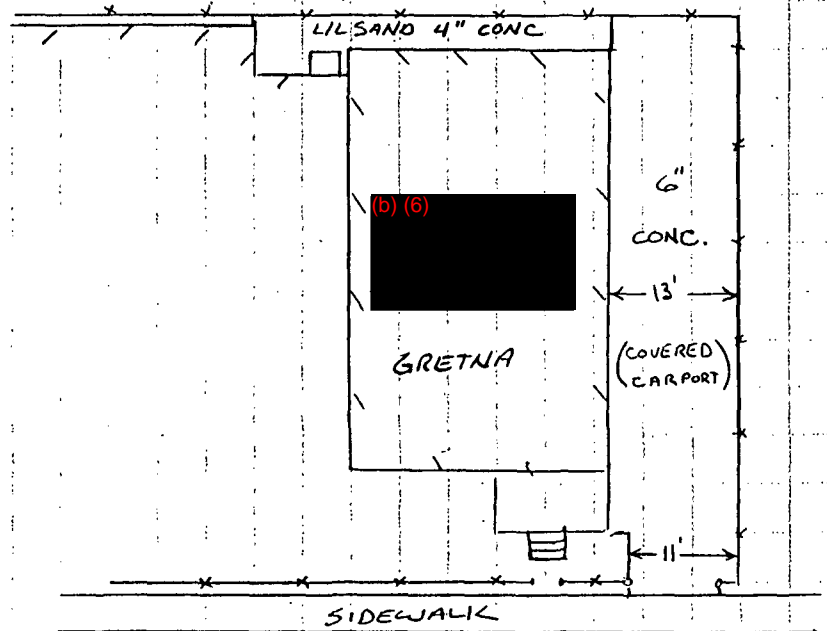


INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 7-23-97 Subject RESTORATION SITE # 577 Sheet No. _____ of _____

Chkd. By _____ Date _____ Proj. No. _____



05-0577-590

005050

WESTBANK ASBESTOS ABATEMENT
NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 577

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)					75. ⁵⁰		
4" Concrete Installation (sq. yds.)					15. ⁰⁰		
Sand Installation (sq.yds.)							
Lower Lift Sand					15. ⁰⁰		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					1. ⁵⁰		
Concrete (cu.yds.)					14. ⁵⁰		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

T REPRESENTATIVE SIGNATURE
SUB 1 SIGNATURE
SUB 2 SIGNATURE

005051

05-0577-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested	1	Parish #	1340	Source #		ADVF #	
I. TYPE OF NOTIFICATION		(CIRCLE ONE)		ORIGINAL		REVISED CANCELED	
II. FACILITY INFORMATION				Contact: John Martin			
OWNER NAME: U.S. EPA Region 6				Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave							
City: Dallas		State: TX		Zip: 75202			
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445		DEQ ID #: 7S00008			
Address: 113 Ondine Lane							
City: Slidell		State: LA		Zip: 70456			
Contact: Gerald Avery		Telephone: 504-646-0039					
OTHER OPERATOR:		DEQ Project Designer #:					
Address:							
City:		State:		Zip:			
Contact:		Telephone:					
III. TYPE OF OPERATION		(CIRCLE ONE)		Demo Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT?		(CIRCLE ONE)		YES NO Inspection Date: Jan. - Apr. 1996			
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685					
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)							
Building/Component Name: Home (#577)				Fire Marshall Project #:			
Street Address: (b) (6)							
City: Gretna		State: LA		Zip: 70053		Parish: Jefferson	
Site Location: On side of house				Telephone: NA			
Building Size: NA		# of Floors: NA		Age in Years: NA			
Present Use: NA				Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116							
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:		RACM to be Removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
1. Regulated ACM to be removed							
2. Category I ACM not removed							
3. Category II ACM not removed							
				Cat I Cat II		UNIT	
Pipes						Ln Ft: Ln m:	
Surface Area						Sq Ft: Sq m:	
Vol RACM off Facility Component						Cu Ft: Cu yds: 4	
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)				Start: 11/1/96		Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)				Start: 11/1/96		Complete: 12/21/96	

005-520

05-0577-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors [#] Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane [#] 685 Bridge City Avenue

City: Slidell [#] Bridge City State: LA Zip: 70458 [#] 70094 Telephone #: (504)646-0039
#3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III.Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John P. Holger 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John P. Holger 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135, BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005053

05-0577-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

8/31/98

ADDRESS:

(b) (6)

SITE #:

577

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

12'

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<p><i>no ACM</i> <i>Amorin Allman</i></p>	<p><i>skipping debris</i> <i>around house</i></p>

TEAM MEMBERS:

DA/ML

005054

05-0577-540

10/23/16 access mailed to owner
11/16 access mailed to owner
(correct address)

12/11 ACCESS SIGNED/RETURNED TO DALLAS

Tracking Number 578
578

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee:
Address: <u>Breaux, LA, 70053</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) (b) (6) (b) (6)	

Site Description:

1) Description of property (circle): single home; <u>duplex</u> ; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>NO</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:

ACM 8x10'

Estimated Volume of ACM: _____	
Comments: <u>crushed limestone</u>	
Date/Time of Interview:	Access Granted (circle): <u>yes</u> ; no
Team Members: <u>mailed 12/17</u>	

005055

05-0578-510

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6) Gretna
State/Zip: Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12/2/96

DATE

(b) (6)

SIGNATURE

my mailing address is 2

(b) (6)

005056

05-0578-520

TRACKING #

578

SITE SKETCH

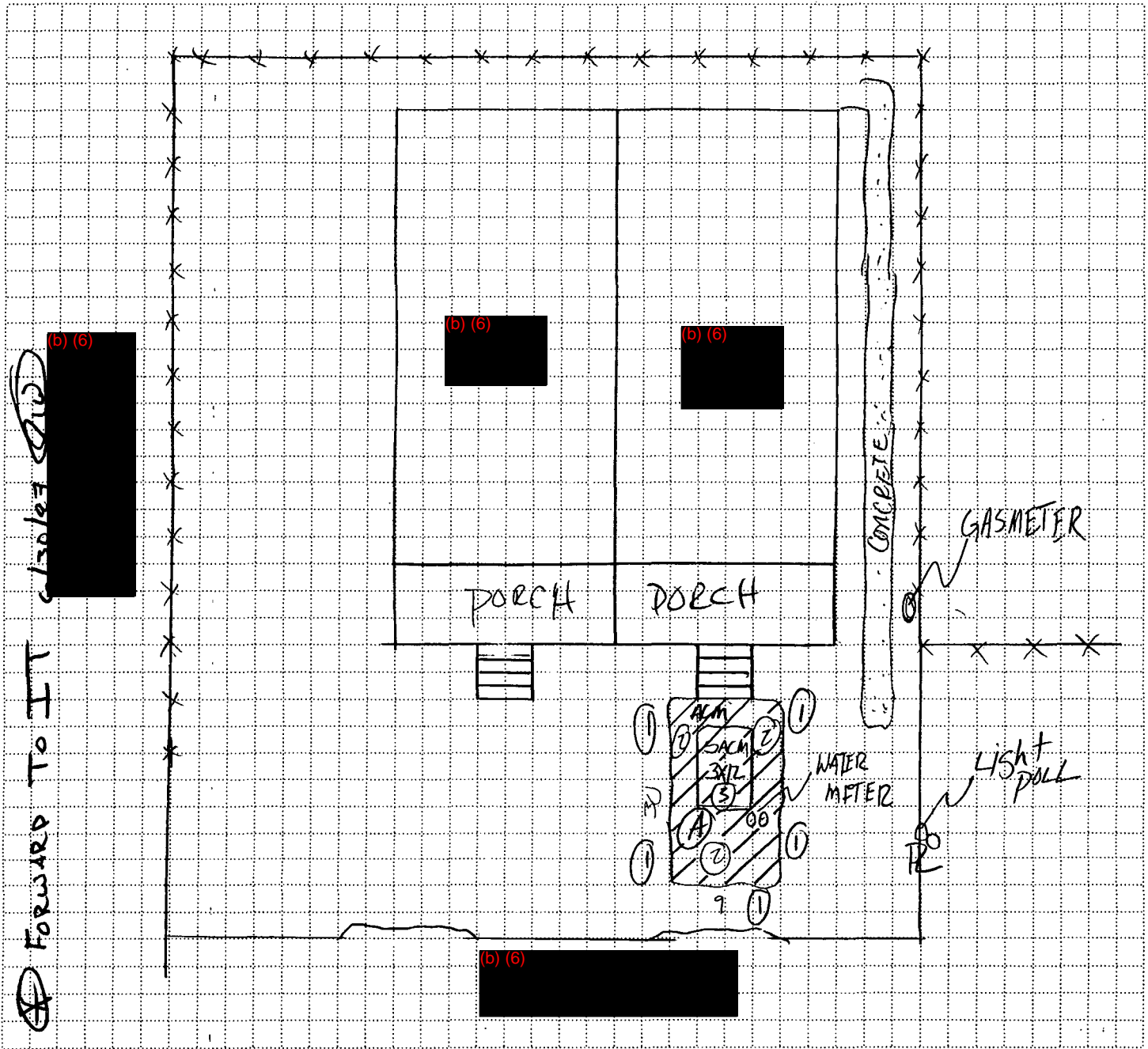
ADDRESS:

(b) (6)

Guthrie

UPDATED:

1/1



NOTES:

N (NTS)



RESTORATION:

A: Limestone

B:

C:

ARRIVAL 0715
DEPARTURE 0930

RESTORATION APPROVED BY:

(b) (6)

via phone 1045

DATE: 6/28/97

TEAM:

S.J, TJ, MW

050573197

05-0578-530

#	COVER	THICKNESS
1	6" + soil/soil	
2	3" soil/soil/gravel	3" ACM
3		4" SACM

FYI:

SITE# 570

ADDRESS:

(b) (6)

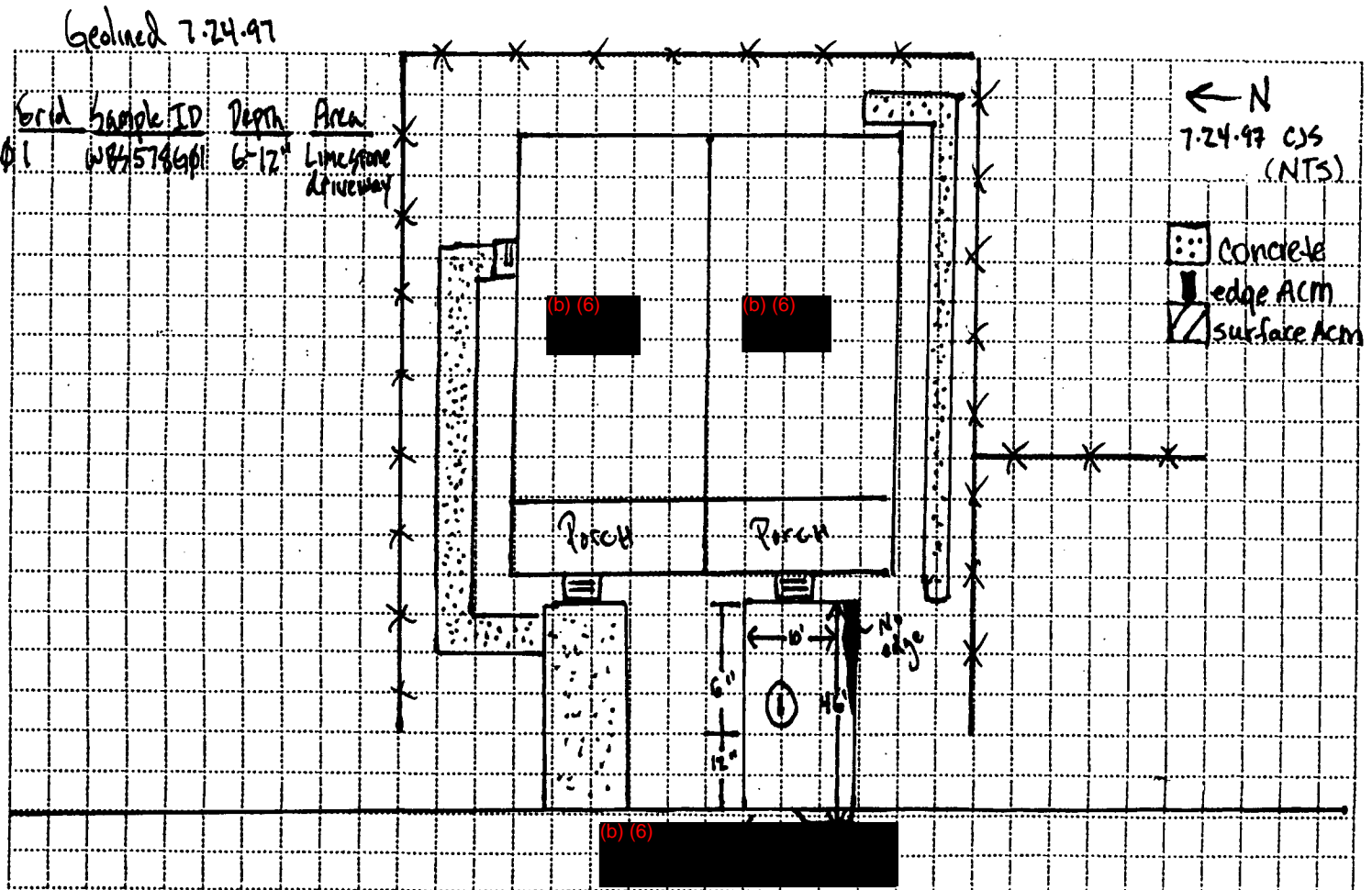
GRETNA, La

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE

Christopher Sansone

05-0578-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Maggie Lin
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Monday, July 28, 1997

Ref Number: IN97612

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS1030G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite				80% Quartz 20% Other
WBS414G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite				80% Quartz 20% Other
WBS414G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Crocidolite				80% Quartz 20% Other
WBS398G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile				80% Quartz 20% Other
WBS578G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile				80% Quartz 20% Other
WBS801G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile				80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret S. Phillips
Margaret Phillips
Analyst

Richard H. Hand
Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above text must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

2

05-0578-570

005059

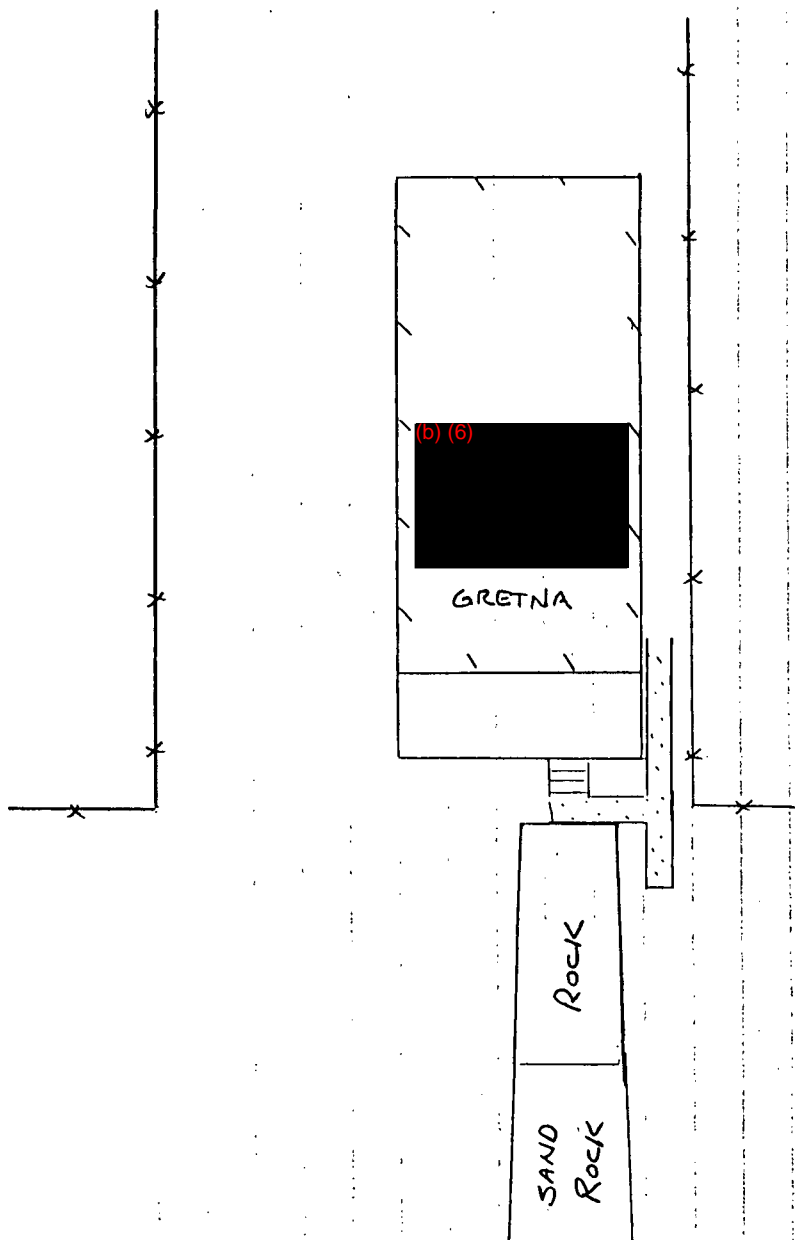


INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 7-25-97 Subject RESTORATION SITE # 578 Sheet No. _____ of _____

Chkd. By _____ Date _____ Proj. No. _____



05-0578-590

005060

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 578

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					57. ⁵⁰		
Gravel Installation (sq.yds.)							
Concrete Installation (sq. yds.)							
Concrete Installation (sq. yds.)							
Gravel Installation (sq.yds.)					25. ⁰⁰		
Gravel Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					14. ⁰⁰		
Gravel (cu.yds.)					6. ⁰⁰		
Concrete (cu.yds.)							
Elastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

CLIENT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

05-0578-590

202005061

October 23, 1996

(b) (6)

Re: (b) (6), Gretna
(Tracking Number: 578)

(b) (6)

must live elsewhere

resident @ owner of this property is (b) (6)
and he called to report that he
① doesn't know (b) (6)
② he doesn't own any property
in the Westbank
correct address is (b) (6)

During the last year, the U.S. Environmental Protection Agency (EPA) and the Louisiana Department of Environmental Quality (LDEQ) have been investigating possible asbestos contamination within communities on the west bank of the Mississippi River, south of New Orleans, Louisiana. As a protective measure, representatives of these agencies will undertake a cleanup of these Westbank areas. This property has been identified as needing cleanup of asbestos-containing materials. Enclosed are fact sheets that provide additional information on the cleanup and on asbestos.

Enclosed is a form granting access to your property in order that further assessments may be done. Please sign the form, including both your name and address, and you will greatly facilitate this process. Please tell us if an address correction is needed or if you wish to receive future mailings at a different address. Send the signed form to the address below.

If you have any questions, please call our local information line at 363-4917, or the EPA office in Dallas at 1-800-533-3508 (toll-free). Please refer to tracking number 578.

Sincerely,

Stacey Bennett for
John J. Martin
EPA On-Scene Coordinator
U.S. EPA Region 6 (6SF-R2)
1445 Ross Ave.
Dallas, TX 75202

Enclosures

005062

05-0578-600

Re-

(b) (6)

Metairie, La

track # 578

Damage to underground
water line caused
by heavy equipment

Mr John Martin
EPA on scene coordinator
U.S. EPA Region 6 (6SF-R2)
1445 Ross ave
Dallas, Texas 75202

Dear Mr Martin:

When you originally contacted me
for permission to do my drive way I explained
in detail the contractor would have to be
very careful. The reason water lines were
under the drive way connected to the city's
water meters. You promised NO problems.
Since this job has been completed we
have had a bad leak. My tenant
observed when the contractor caused the leak
and he promised to fix the underground
pipe.

Four months later the line is
still leaking and I have been unable
to get anything done.

Please contact your people
in Jefferson parish and get this problem
solved. This is an emergency - cause the
tenant is threatening to move because of the high
water bills.

Mr Jeff Wright at (504) 363-2980
is aware of the problem. Please contact
me on receipt of this letter.

See serial

my home address

home phone
Beeper

12/19/97 @ 10:30 called home & talk
to wife who suggested
calling beeper which
I did.

IT visited site & repaired broken seal/
Connection due to corrosion while they
were digging area to investigate
(See file notes.) Jm

12/11

#578

GREYNA

- damage water pipe
- tried to fix but still
leaks

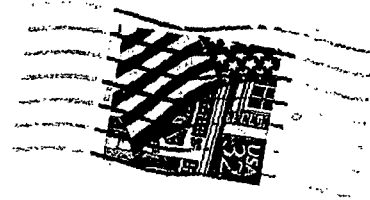
05-0578-600

005064

(b) (6)

05065

05-0578-600



Personal

Mr John Martin
EPA Coordinator
U.S. EPA Region 6-(ASF-RD)
1445 Ross Ave
Dallas, Texas
75202-2812

75202/2812

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/1/98
SITE #: 578

ADDRESS: (b) (6)

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

12"

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<p><i>NO ACM</i> <i>[Signature]</i></p>	

TEAM MEMBERS: DA/ML

005066

05-0578-540

FIELD DATA SHEET 1

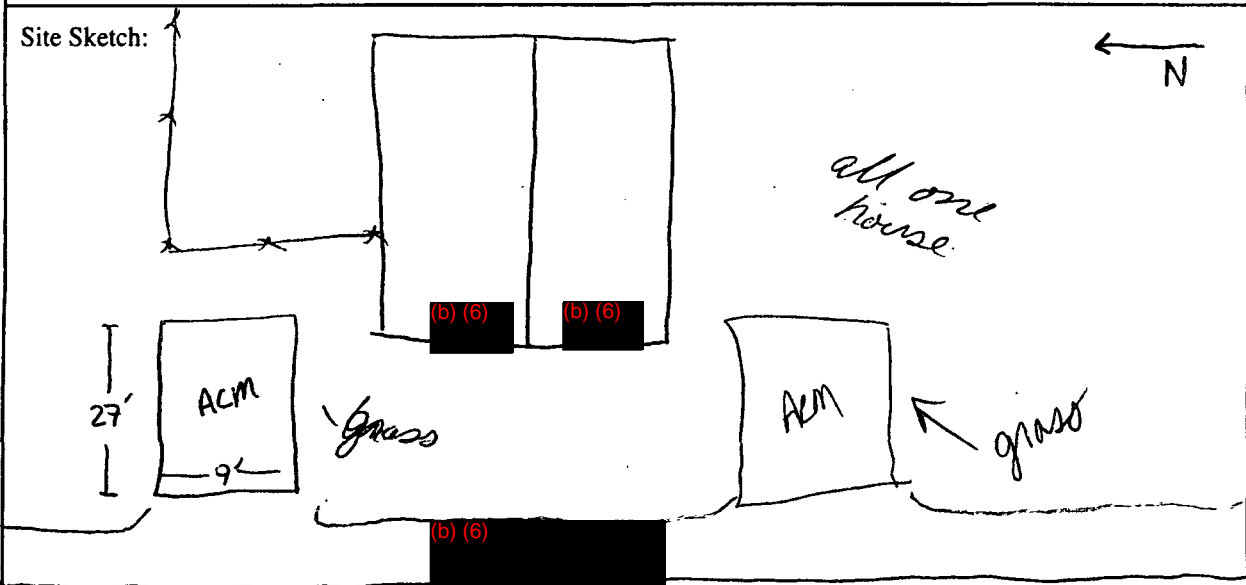
Site Information

Occupant:	(b) (6)	Interviewee:	(b) (6)
Address:		GRETNA, LA, 70053	
Phone No.:		(b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) @ SE			

Site Description:

1) Description of property (circle):	single home; <u>duplex</u> ; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle):	locked gate; gate; dogs; other <u>No</u> resolution: _____
3) Underground utilities installed by owner? (circle):	<u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle):	yes; <u>no</u> ; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: they own both sides of duplexsoil/grassDate/Time of Interview: 10:3010/11Access Granted (circle): yes; no

Team Members:

Cochill Johnson / Starling

05-0579-510

005067

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

GRETNA

State/Zip: LA, 70053

Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10-11-96

DATE

(b) (6)

SIGNATURE

(b) (6)

(signed for he is paralyzed R. Colwell)

05-0579-520

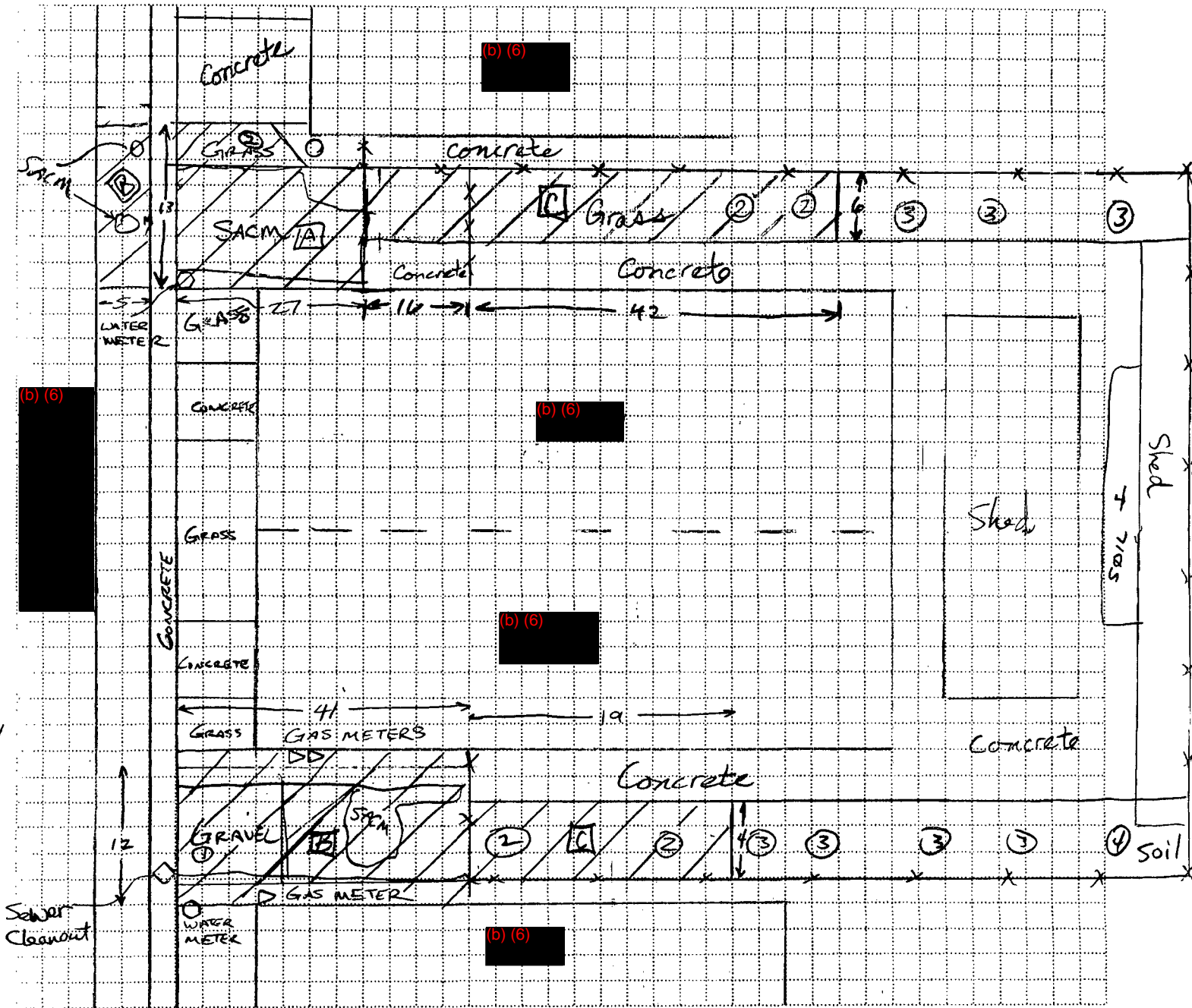
005068

TRACKING # 579

SITE SKETCH

ADDRESS: (b) (6) GREYNA

UPDATED: 1/1



NOTES: AREA OF 510 Monroe St has a pipeline running through it



#	COVER	THICKNESS
1	GRAVEL > 3"	> 1"
2	GRASS > 3"	> 1"
3	GRASS	NO ACM
4	SOIL	NO ACM

RESTORATION: A: Concrete - Driveway
B: Limestone - Servitude
C: GRASS

05-0579-530

ARRIVAL: 1015
DEPARTURE: 1120

Bennett 08/27/97 (b) (6)

RESTORATION APPROVED BY:

DATE: 8/27/97

TEAM: GD / JS

DATE: 8/27/97
005069

TO IT 8/29/97 JRD

WESTBANK ACM REMOVAL PROJECT

SAMPLE ANALYSIS CONFIRMATION

USEPA START TEAM

FYI:

SITE# 579

ADDRESS: (b) (6)

Gretna

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 9-29-97

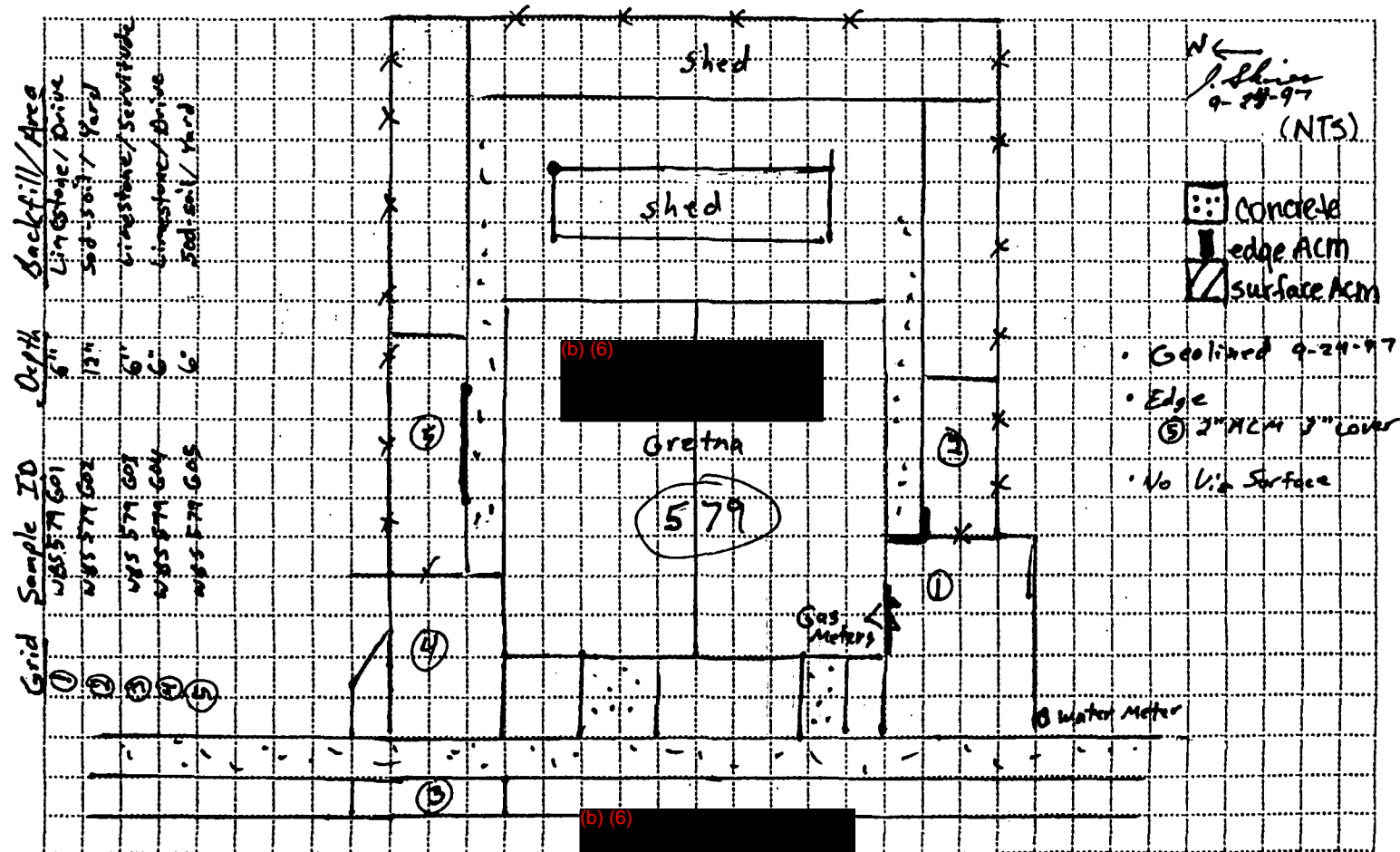
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

✓ ✓ ✓ ✓ ✓

B. FURTHER ACTION NECESSARY:



05-0579-560

AUTHORIZED EPA/START REPRESENTATIVE

Maggi
005070

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Deena DePalma
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Friday, September 26, 1997

Ref Number: IN971204

POLARIZED LIGHT MICROSCOPY (PLM)

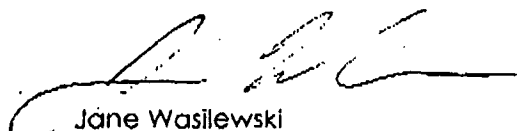
Performed by EPA 800/R-93/116 Method*

Project: 020801 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS873G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		60% Quartz 40% Other
WBS579G03		Brown Non-Fibrous Homogeneous	Crushed		None Detected		40% Quartz 60% Other
WBS579G04		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS579G05		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS1494G01		Brown Non-Fibrous Homogeneous	Crushed		None Detected		80% Quartz 20% Other
WBS1188G10		Brown Non-Fibrous Homogeneous	Crushed	2% < 1%	Chrysotile Crocidolite		80% Quartz 18% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method


Jane Wasilewski
Analyst

Entered 9/24/97
BRL


Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #201188-0)

05-0579-570

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Alma Rillera
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Thursday, September 25, 1997

Ref Number: IN971181

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS1139G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			40% Quartz 58% Other
WBS1139G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS1326G01		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			80% Quartz 18% Other
WBS1326G02		Brown Non-Fibrous Homogeneous	Crushed	3% Chrysotile < 1% Crocidolite			80% Quartz 17% Other
WBS1326G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS679G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method


Jane Wasilewski
Analyst


Approved
Signatory

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05-0579-570

005072

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
 Indianapolis, Indiana 46250
 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Alma Rillera
 Ecology & Environmental
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Thursday, September 25, 1997

Ref Number: IN971181

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS579G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS720G04		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			80% Quartz 18% Other
WBS720G05		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			80% Quartz 20% Other
WBS1188G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS1188G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS1188G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski
 Analyst

Approved
 Signatory

05-0579-570

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negath be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the iter may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim produu NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one a Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

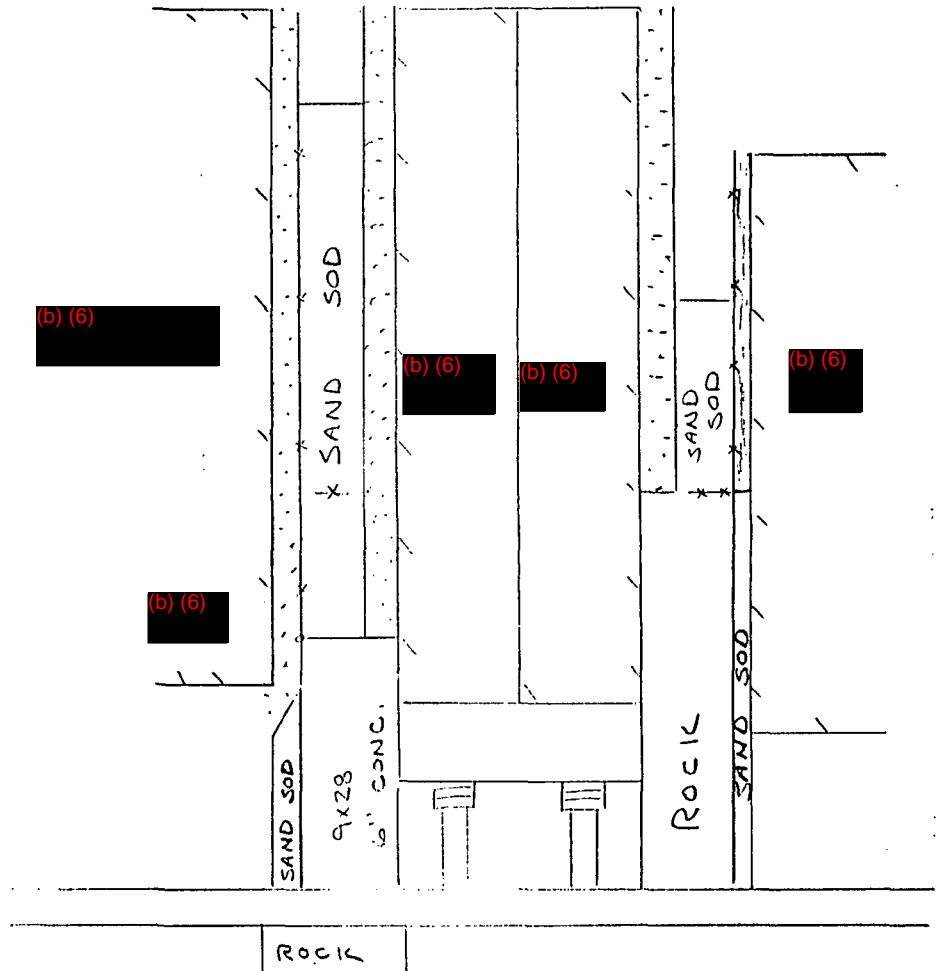
005073



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 9-25-97 Subject RESTORATION
ACTUAL REMOVAL SITE 1194 Sheet No. of
Chkd. By Date Proj. No.



05-0579-590

00507400

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 579/1449

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					50. ⁰⁰		
Sod Installation (sq.yds.)					74. ⁰⁰		
6" Concrete Installation (sq. yds.)					28. ⁰⁰		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					74. ⁰⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					18. ⁰⁰		
Sand (cu.yds.)					30. ⁰⁰		
Concrete (cu.yds.)					4. ⁵⁰		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

05-0579-590

005075

NOTIFICATION OF DEMOLITION AND RENOVATION FORM FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE) ORIGINAL REVISED CANCELED			
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas		State: TX	Zip: 75202
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell		State: LA	Zip: 70456
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:		State:	Zip:
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) YES NO		Inspection Date: Jan. - Apr. 1996	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Duplex (#579)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: ① Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		RACM to be Removed	Nonfriable Asbestos Material Not to be Removed
		Cat I	Cat II
		UNIT	
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 5
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/1/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/1/96	Complete: 12/21/96

005076

05-0579-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:

Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors ^a Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane ^a 685 Bridge City Avenue

City: Slidell ^a Bridge City State: LA Zip: 70458 ^a 70094 Telephone #: (504)646-0039
#3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Joshua E. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Joshua E. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S. 40:1574 A & B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005077

05-0579-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/31/98

SITE #: 579

ADDRESS: (b) (6)

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<p>NO ACM</p> <p><i>Penovan Allister</i></p>	_____

TEAM MEMBERS: DA/ML

05-0579-540

005078

FIELD DATA SHEET 1

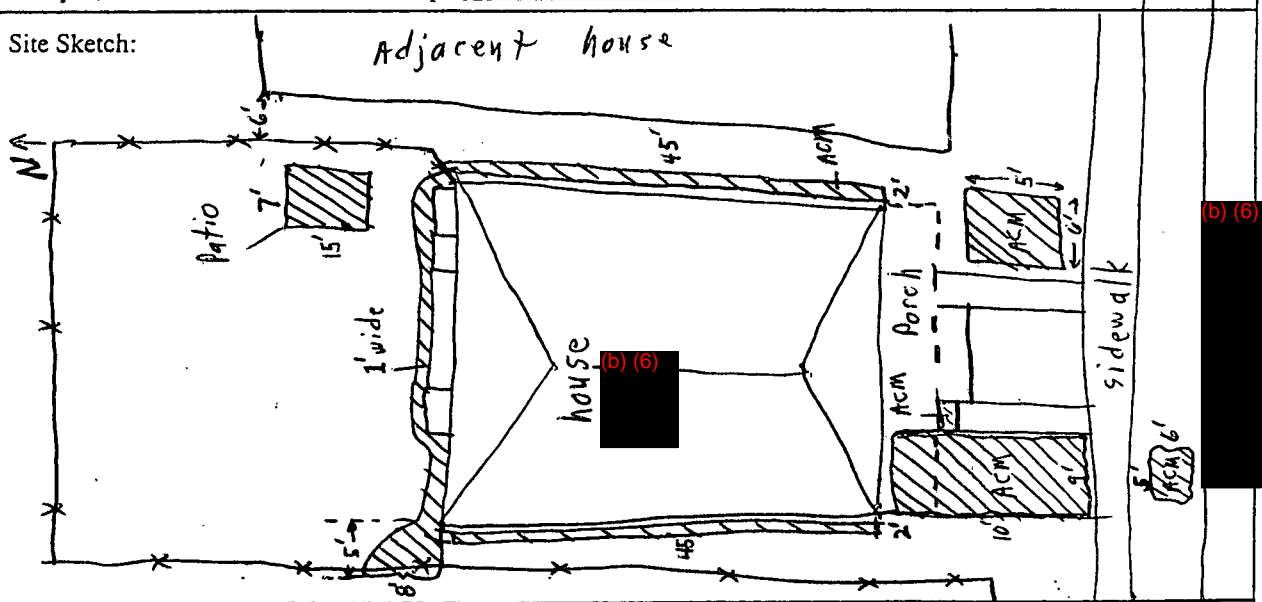
Site Information:

Occupant: (b) (6) (son)	Interviewee: (b) (6)
Address: (b) (6) Gretna, LA 70053	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; <u>dogs</u> ; other <u>no access for excavation</u> resolution: <u>equipment in back yard.</u>
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; <u>no</u> ; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: 11-20, owner will take agreement to lawyer for review; pickup up after noon 11-20. Backyard access may require acquiring access from northerly property.

Date/Time of Interview: 11-20/0800

Access Granted (circle): yes; no

Team Members: JM/AR

12/31/96 called for backfill NA

005079

05-0580-510

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: LA, 70053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

Nov 20, 1996
 DATE

(b) (6)

SIGNATURE

005080

05-0580-520

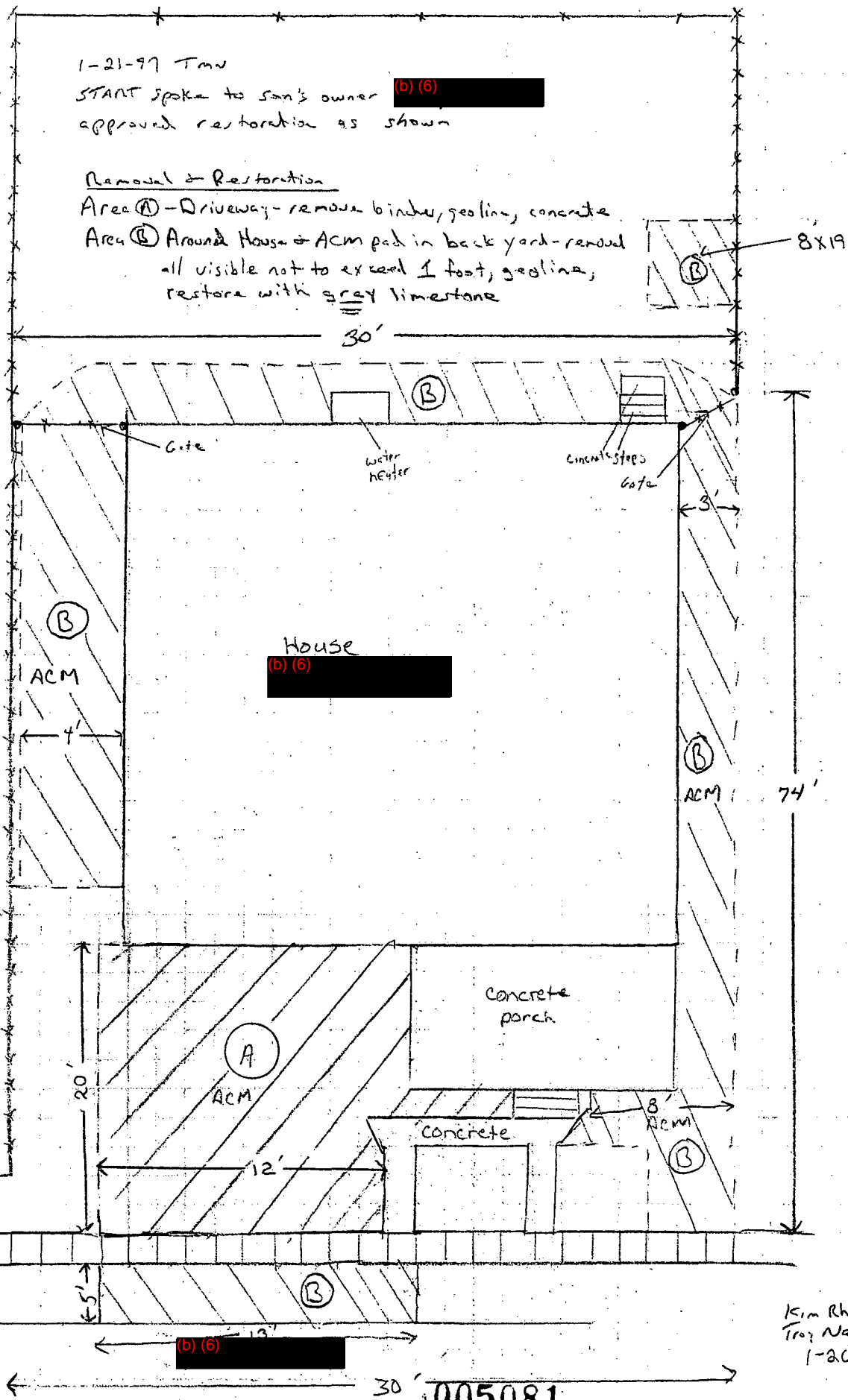
1-21-97 TMV

STANT spoke to son's owner (b) (6)
approved restoration as shown

Removal & Restoration

Area (A) - Driveway - remove binder, geolime, concrete

Area (B) Around House & ACM pad in back yard - remove
all visible not to exceed 1 foot, geolime,
restore with gray limestone



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 580

ADDRESS: (b) (6)
Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO ANAL. RES. AS OF 02.13.97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

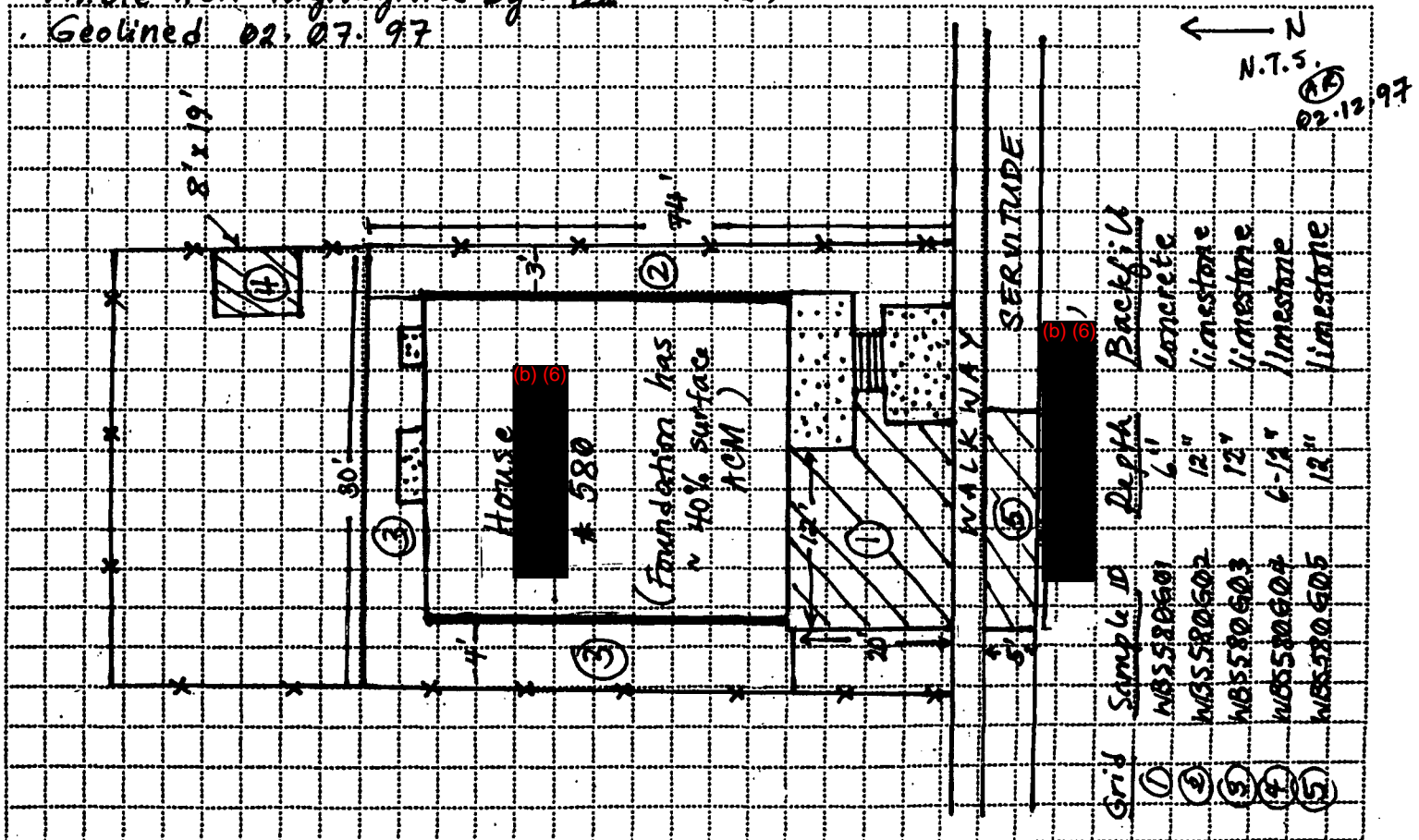
A. PROCEED WITH RESTORATION:

☒ ☒ ☒ ☒ ☒ ☐ ☐ ☐

B. FURTHER ACTION NECESSARY:

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

• Visible ACM highlighted by: (b) (6) and (1)
• Geolined 02.07.97



AUTHORIZED EPA/START REPRESENTATIVE

Barbara Story
005082

05-0580-560

Whitman, NJ 900-854-4880	Fiscalawar, NJ 908-981-0658	Carle Place, NY 516-997-7281	Manhattan, NY 212-290-0062	Seattle, WA 206-233-9007	Ann Arbor, MI 313-888-8810	San Mateo, CA 415-570-5401	Myrtle, SA 404-333-8888	Greensboro, NC 910-277-1457	Houston, TX 713-488-3636
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EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Friday, February 14, 1997

Ref Number: TX97410

POLARIZED LIGHT MICROSCOPY (PLM)**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS593G01	593	Brown Fibrous Homogeneous	Teased	3% Chrysotile < 1% Crocidolite			97% Other
WBS593G02	593	Brown Fibrous Homogeneous	Teased	3% Chrysotile 2% Crocidolite			95% Other
WBS580G01	(b) (6)	Brown Fibrous Homogeneous	Teased	30% Chrysotile 3% Crocidolite			67% Other
WBS580G02		Brown Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS580G03		Brown Fibrous Homogeneous	Teased	None Detected			100% Other
WBS580G04		Brown Fibrous Homogeneous	Teased	None Detected			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Arthur Hernandez, Jr.
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

005083

05-0580-570

Westwood, NJ 800-358-6300	Piscataway, NJ 908-981-0559	Carle Place, NY 516-987-7231	Hanston, NY 212-259-0052	Seattle, WA 202-233-9007	Ann Arbor, MI 313-963-6910	San Mateo, CA 415-570-5401	Brynna, GA 404-433-0000	Greensboro, NC 910-237-1437	Houston, TX 713-686-3635
------------------------------	--------------------------------	---------------------------------	-----------------------------	-----------------------------	-------------------------------	-------------------------------	----------------------------	--------------------------------	-----------------------------

EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Friday, February 14, 1997

Ref Number: TX97410

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020801 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS580G05	(b) (6)	Brown	Teased	3%	Chrysotile		97% Other
		Fibrous		< 1%	Crocidolite		
		Homogeneous					
WBS545AG01		Brown	Teased	< 1%	Chrysotile		100% Other
		Fibrous		< 1%	Crocidolite		
		Homogeneous					
WBS545AG02		Brown	Teased	10%	Chrysotile		90% Other
		Fibrous		< 1%	Crocidolite		
		Homogeneous					
WBS545AG03		Brown	Teased	10%	Chrysotile		90% Other
		Fibrous		< 1%	Crocidolite		
		Homogeneous					
WBS545AG04		Brown	Teased	< 1%	Chrysotile		100% Other
		Fibrous					
		Homogeneous					
WBS545AG05		Brown	Teased	3%	Chrysotile		97% Other
		Fibrous		< 1%	Crocidolite		
		Homogeneous					

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

2

005084

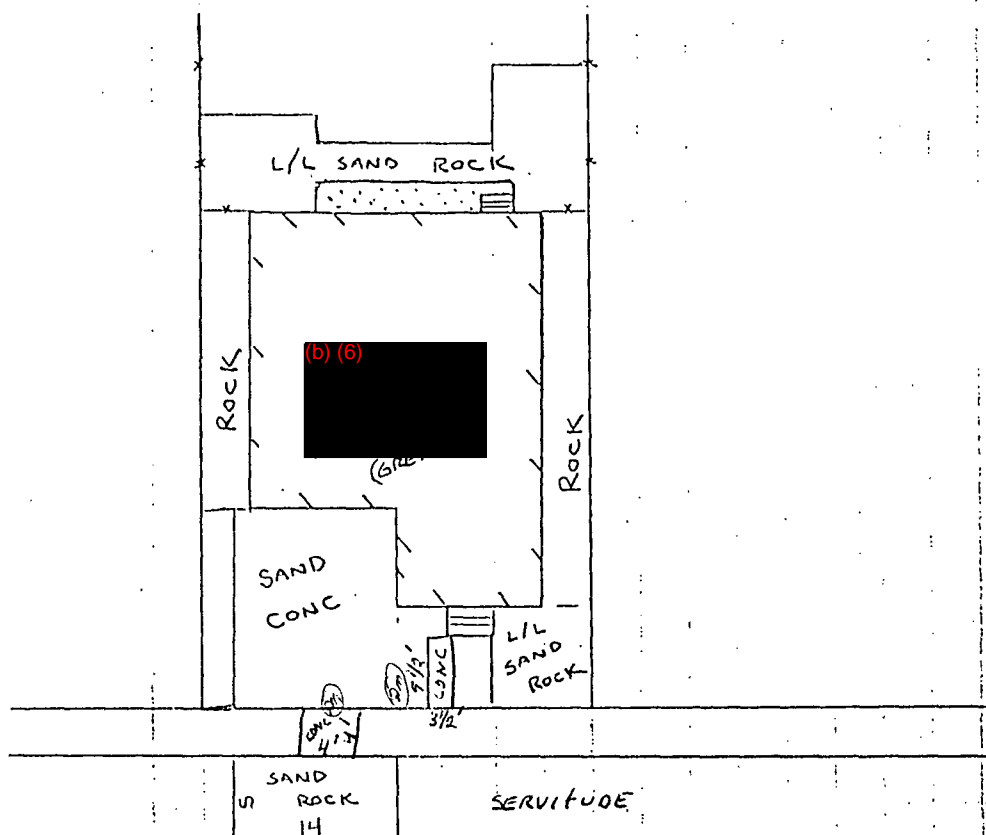
05-0580-570



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 2-13-97 Subject RESTORATION SITE # 580 Sheet No. of
Chkd. By Date Proj. No.



NOTE:

~~GREY LIMESTONE~~

~~CONCRETE~~

005085

05-0580-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL REVISED CANCELED	
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.	La. Contractor's License #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane			
City: Slidell	State: LA	Zip: 70456	
Contact: Gerald Avery	Telephone: 504-646-0039		
OTHER OPERATOR:	DEQ Project Designer #:		
Address:			
City:	State:	Zip:	
Contact:	Telephone:		
III. TYPE OF OPERATION (CIRCLE ONE)		Ordered Demo Renovation Emergency Reno	
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		Inspection Date: Jan. - Apr. 1996	
YES NO			
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#580)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: In front of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I	Cat II
			UNIT
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 11
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)	Start: 11/1/96	Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)	Start: 11/1/96	Complete: 12/21/96	

005086

05-0580-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors #3 Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane #3 685 Bridge City Avenue

City: Slidell #3 Bridge City State: LA Zip: 70458 #3 70094 Telephone #: (504)646-0039 #3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Charles J. Hefner 10-12-86
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Charles J. Hefner 10-12-86
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005087

05-0580-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

8/31/98

SITE #:

580

ADDRESS

(b) (6)

ACM LOCATED BENEATH:

☒ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

24'

DESCRIPTION OF ACM:

☒ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

2%

SKETCH OR COMMENTS:

trash + debris along
the edge of the house

(b) (6)

TEAM MEMBERS:

DA/ML

1105088

05-0580-540

FIELD DATA SHEET 1

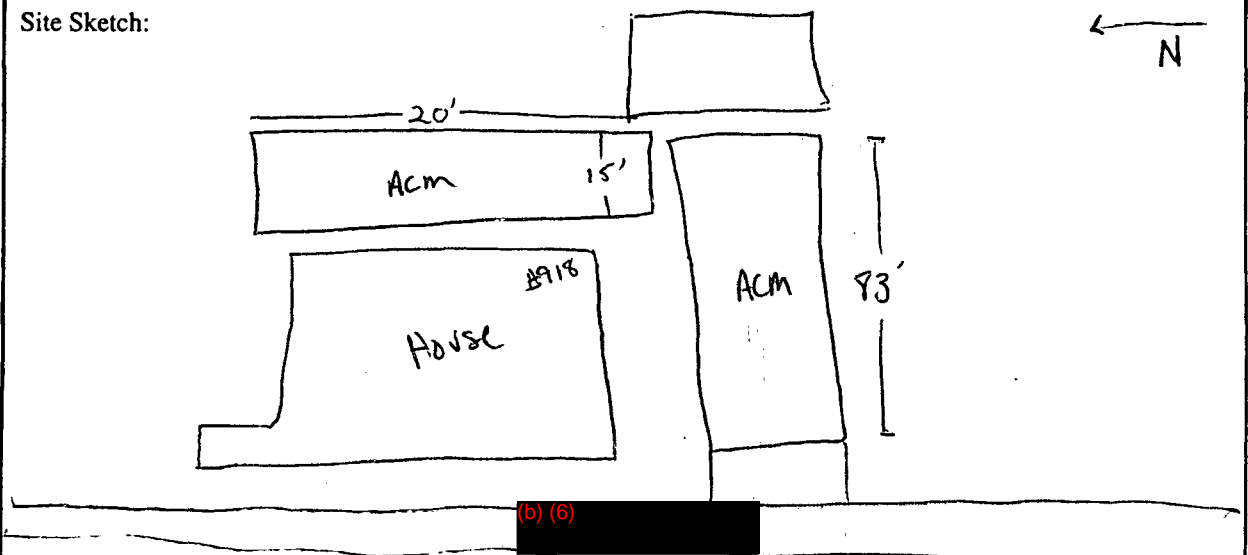
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6) <u>Groton, LA 70053</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>NO</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments:

No removal Needed
** super poured concrete slab over driveway - acm is sealed*

Date/Time of Interview: 10/11 10:20Access Granted (circle): yes; no

Team Members:

K5/K5

05-0581-510

005089

581

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property Address: (b) (6)

State/Zip: CA 70053

Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water, and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination.
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10-27-98

DATE

(b) (6)

SIGNATURE

005090

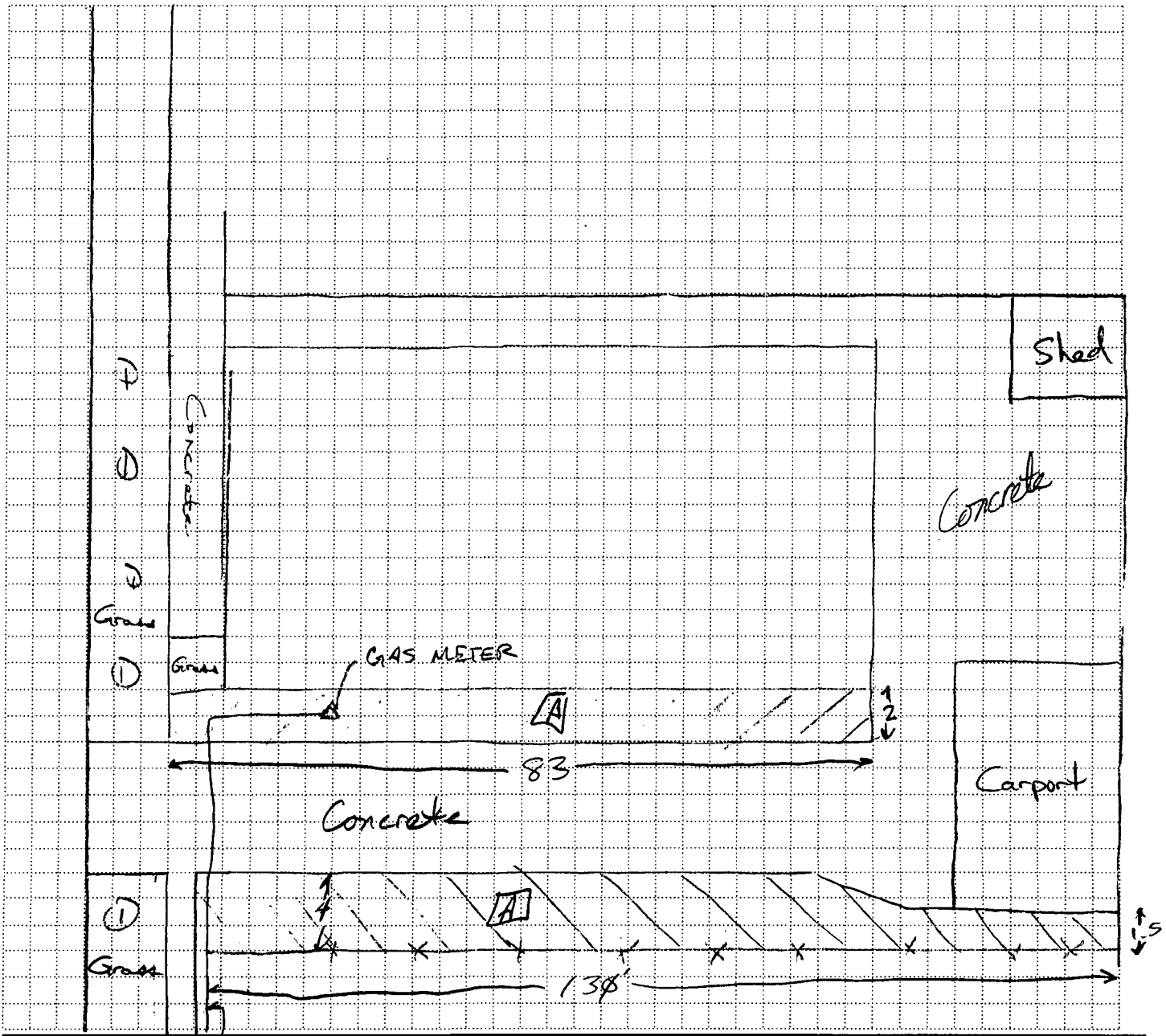
05-0581-520

TRACKING # 581

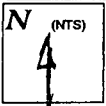
SITE SKETCH

ADDRESS: (b) (6)

UPDATED: 1 / 1



NOTES:



GAS LINE

SACM Pieces scattered throughout entire defined areas

RESTORATION: A: Limestone - owner wants
B: to lay white rock on top
C: call to discuss restoration

ARRIVAL: 1305
DEPARTURE: 1330

#	COVER	THICKNESS
1	Grass	no ACM

05-0581-530

RESTORATION

APPROVED BY: OSC/ACE DATE: 1 / 1 OWNER

(b) (6)

(phone)

DATE: 11 / 11 / 98

TEAM: GD / RL DATE: 12 / 27 / 98

TO IT DATE: 11 / 11 / 98

005091

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

8/31/98

ADDRESS:

(b) (6)

SITE #:

581

ACM LOCATED BENEATH:

☒ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

12'

DESCRIPTION OF ACM:

☒ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

10

SKETCH OR COMMENTS:

ACM

CONCRETE

CARPORT

ACM

(b) (6)

(b) (6)

TEAM MEMBERS:

DA/ML

05-0581-540

005092

FIELD DATA SHEET 1

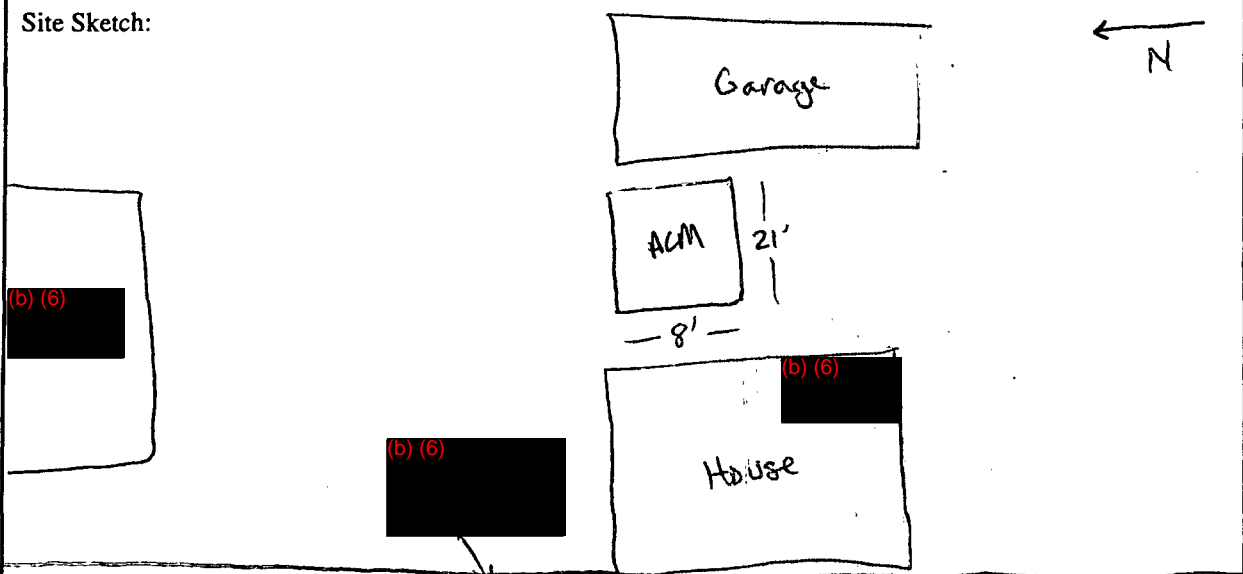
Site Information:

Occupant: <u>Owner</u>	Interviewee:
Address: <u>(b) (6)</u> , <u>Gretna, LA, 70053</u>	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant: <u>(b) (6)</u>	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>Open</u> resolution: _____
3) Underground utilities installed by owner? (circle): no; <u>water</u> ; <u>gas</u> ; electric; cable TV; septic tank; other <u>gas at alleyway</u> <u>water on rt side</u> Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____	
Comments: <u>backfill: limestone</u>	
Date/Time of Interview: <u>10/22/96 4:45pm</u>	Access Granted (circle): <u>yes</u> ; no
Team Members: <u>Robert Hayland</u>	

005093

05-0582-510

CONSENT FOR ACCESS TO PROPERTYWESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: 44. 70053

Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 *et seq.* Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96

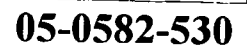
DATE

(b) (6)

SIGNATURE

005094

05-0582-520



① 0 5"

- Area (A) - remove all A/c to 6 inches, seal, concrete

5. Note: Need to discuss removal of ACM underneath house with EPA

1/25/97 1/3 spoke w/ (b) (6) about air monitoring. He approves monitoring and restoration.

HKR Rhodes 1/20/97
TROY M. Naguin 1/20/97

Approved Information

FYI:

ADDRESS:

(b) (6)

Give ma, LA

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID # :

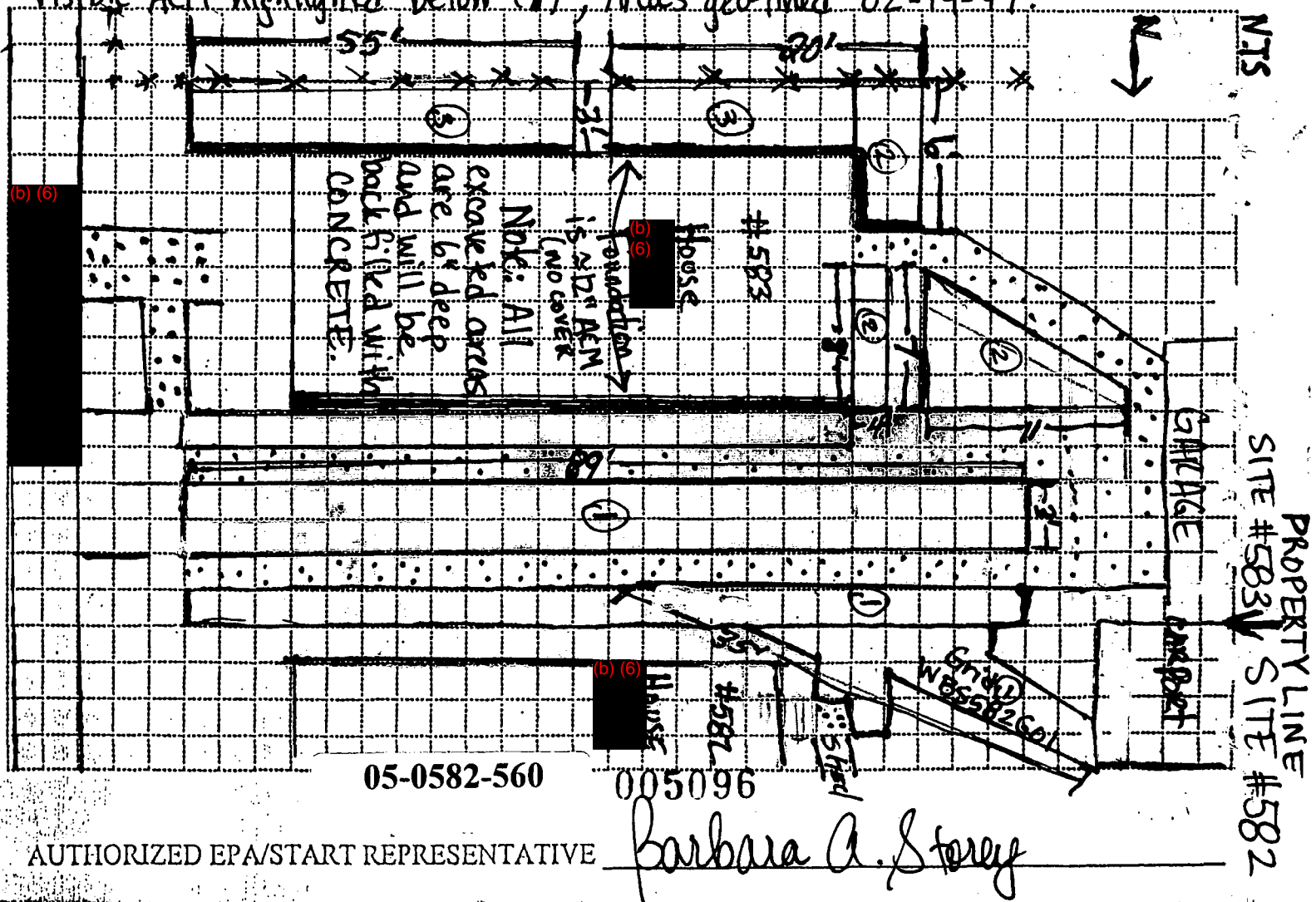
Site #583

Site #582

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:

• Visible ACM highlighted below (1); Areas geo-lined 02-14-97.



Ecology & Environment, Inc.
 11550 Newcastle Ave. #250
 Baton Rouge, LA 70816

Tuesday, February 18, 1997


Ref Number: TX97436

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS578	578 WALKWAY	Gray Fibrous Homogeneous	Teased	55%	Chrysotile			45% Other
578: Note: chips of walkway suspected to be ACM		ACM						
WBS276GO2	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS582GO1		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
				< 1%	Crocidolite			
WBS583GO1		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
				< 1%	Crocidolite			
WBS583GO2		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
				< 1%	Crocidolite			
WBS583GO3		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
				< 1%	Crocidolite			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


 Carlos D. Salinas
 Analyst

Approved
 Signatory

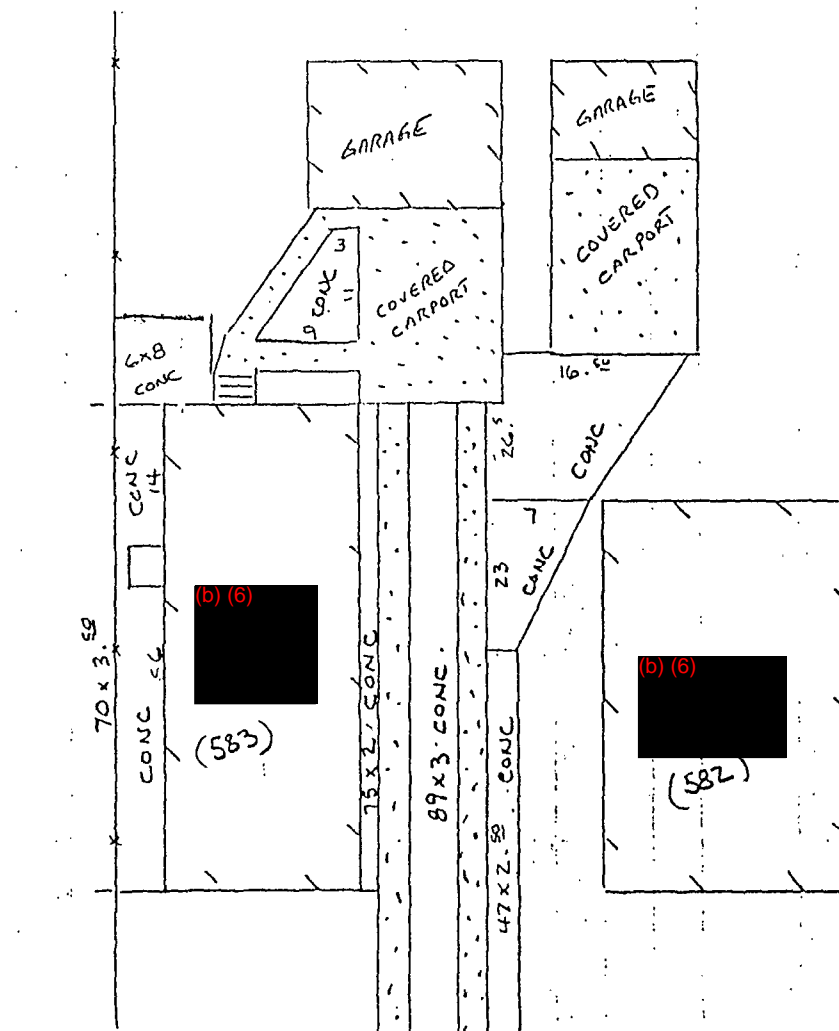
Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0582-570

005097



By PM Date 2-17-97 Subject RESTORATION SITE # 582 Sheet No. of
Chkd. By Date Proj. No.



SIOEWALIK

05-0582-590

005098

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1		Parish # 1340		Source #		ADVF #	
I. TYPE OF NOTIFICATION (CIRCLE ONE)				ORIGINAL		REVISED CANCELED	
II. FACILITY INFORMATION				Contact: John Martin			
OWNER NAME: U.S. EPA Region 6				Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave							
City: Dallas				State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.				La. Contractor's License #: 26445		DEQ ID #: 7S00008	
Address: 113 Ondine Lane							
City: Slidell				State: LA		Zip: 70456	
Contact: Gerald Avery				Telephone: 504-646-0039			
OTHER OPERATOR:				DEQ Project Designer #:			
Address:							
City:				State:		Zip:	
Contact:				Telephone:			
III. TYPE OF OPERATION (CIRCLE ONE)				Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)				Inspection Date: Jan. - Apr. 1996			
Inspector's Name: Debra Bendily (LDEQ)				Inspector's Accreditation #: 6I0685			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)							
Building/Component Name: Home (#582)				Fire Marshall Project #:			
Street Address: (b) (6)							
City: Gretna		State: LA		Zip: 70053		Parish: Jefferson	
Site Location: In back of house				Telephone: NA			
Building Size: NA		# of Floors: NA		Age in Years: NA			
Present Use: NA				Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116							
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:		RACM to be Removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
1. Regulated ACM to be removed							
2. Category I ACM not removed							
3. Category II ACM not removed							
				Cat I	Cat II	UNIT	
Pipes						Ln Ft:	Ln m:
Surface Area						Sq Ft:	Sq m:
Vol RACM off Facility Component						Cu Ft:	Cu yds: 4
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)				Start: 11/1/96		Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)				Start: 11/1/96		Complete: 12/21/96	

005099

05-0582-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	" Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane " 685 Bridge City Avenue			
City: Slidell " Bridge City	State: LA	Zip: 70458 " 70094	Telephone #: (504)646-0039 #3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
----------------	-----------	------------	--------------------------

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John C. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John C. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005100

05-0582-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/2/98
SITE #: 582

ADDRESS: (b) (6)

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

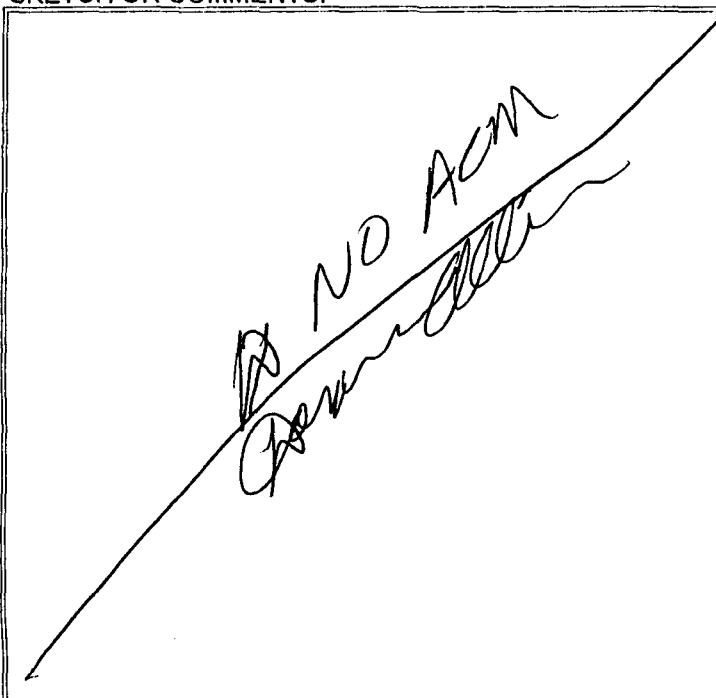
12"

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

TEAM MEMBERS: DA/ML

05-0582-540

005101

FIELD DATA SHEET 1

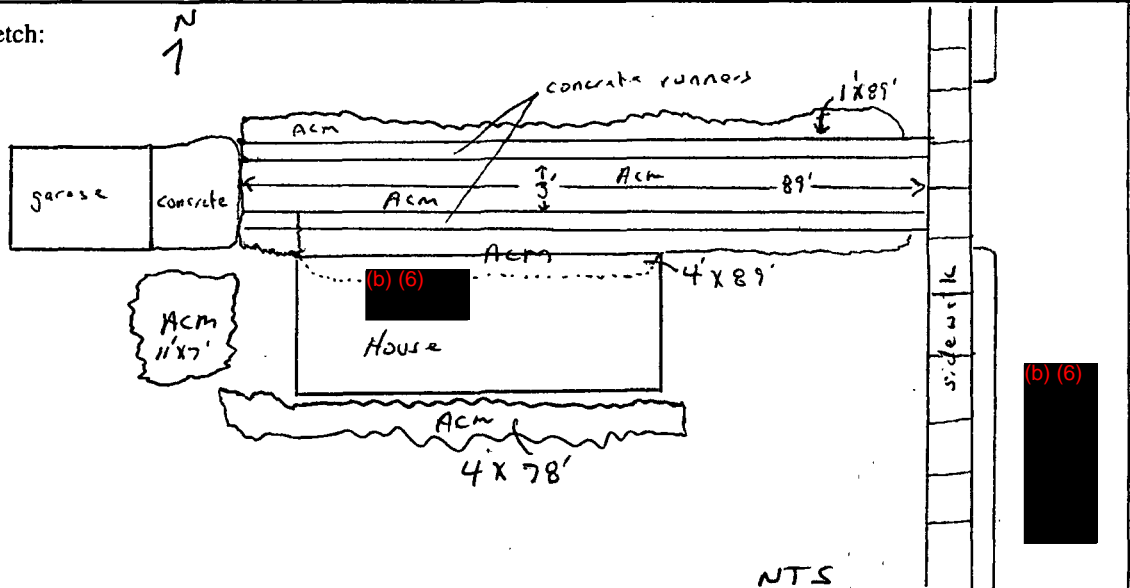
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6), <u>Stratna, CA</u> <u>70053</u>	
Phone No.: (b) (6)	<u>work</u> (b) (6)
Owner Name, Address, and Phone No. if Different Than Occupant: <u>same</u> <u>at work</u> <u>till 5:30</u>	

Site Description:

1) Description of property (circle): <u>single home</u> duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>No</u> resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other <u>owner will mark utilities</u> Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:

Estimated Volume of ACM: 16 yd³Comments: Wanted soil + sod in yard, and gravel in drivewayDropped off access agreement on 10/09/96 at command postDate/Time of Interview: 10/08/96 1025 hrsAccess Granted (circle): yes; noTeam Members: Tracy N. Nagui / John Martin

05-0583-510

005102

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: LA - 70053 Phone Number(s): (b) (6)

1 GREYNA

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/9/96
DATE

(b) (6)

SIGNATURE

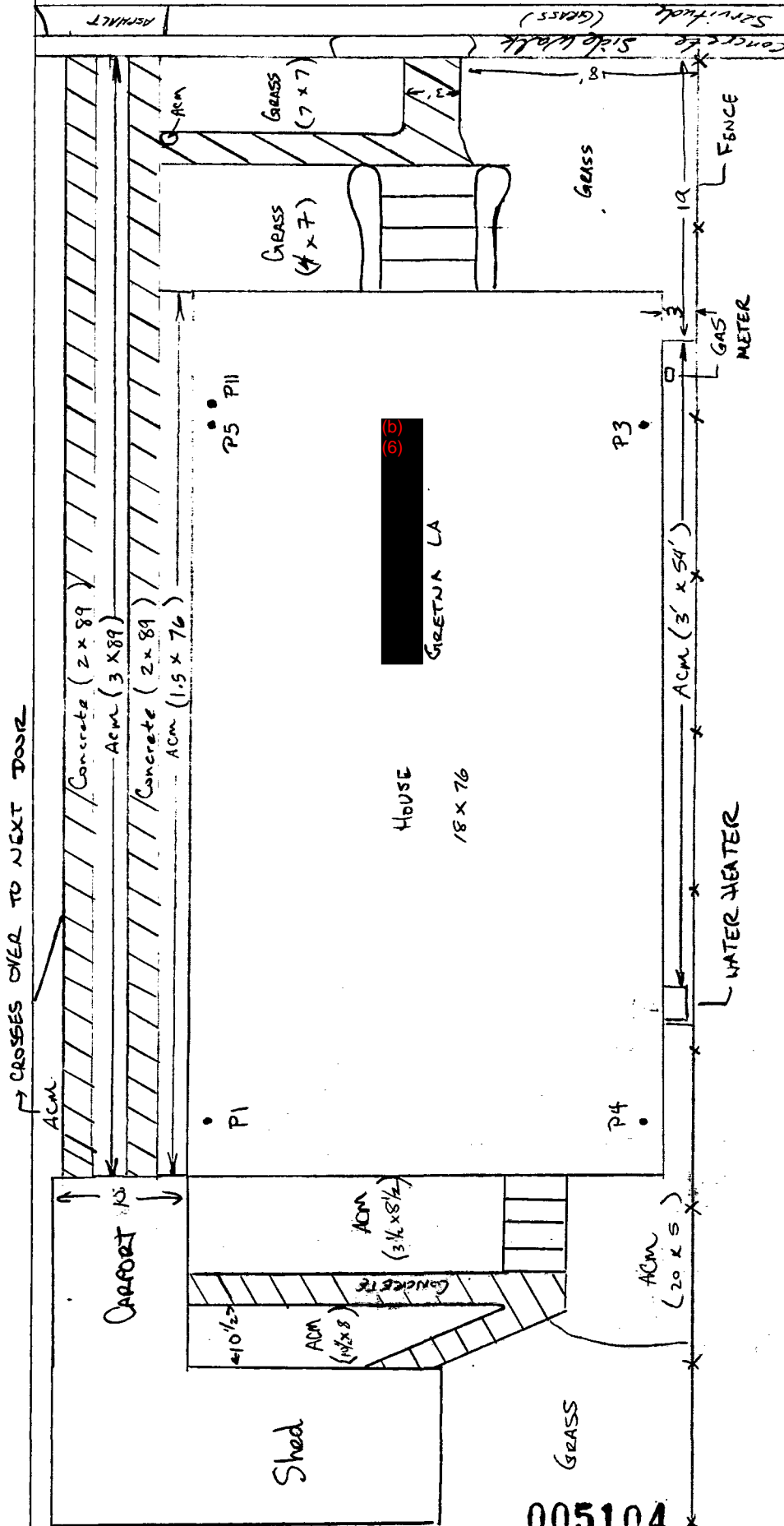
583

AIR SAMPLING
SITE SKETCH

(b) (6)

GRETNA

(b) (6)



DIMENSIONS

FRONT STAIRS (4 x 4)
FRONT SIDEWALK TO STREET (3 x 9)
FRONT WALK TO DRIVEWAY (2 x 7)

DIMENSIONS

BACK STAIRS (3 1/2 x 4)
BACK SIDEWALK (2 x 5 1/2)
BACK DIAGONAL SIDE WALK (2 x 10)
WATER HEATER (2 x 3)

* All Samplers 2-3 Ft under house.

005104

05-0583-530

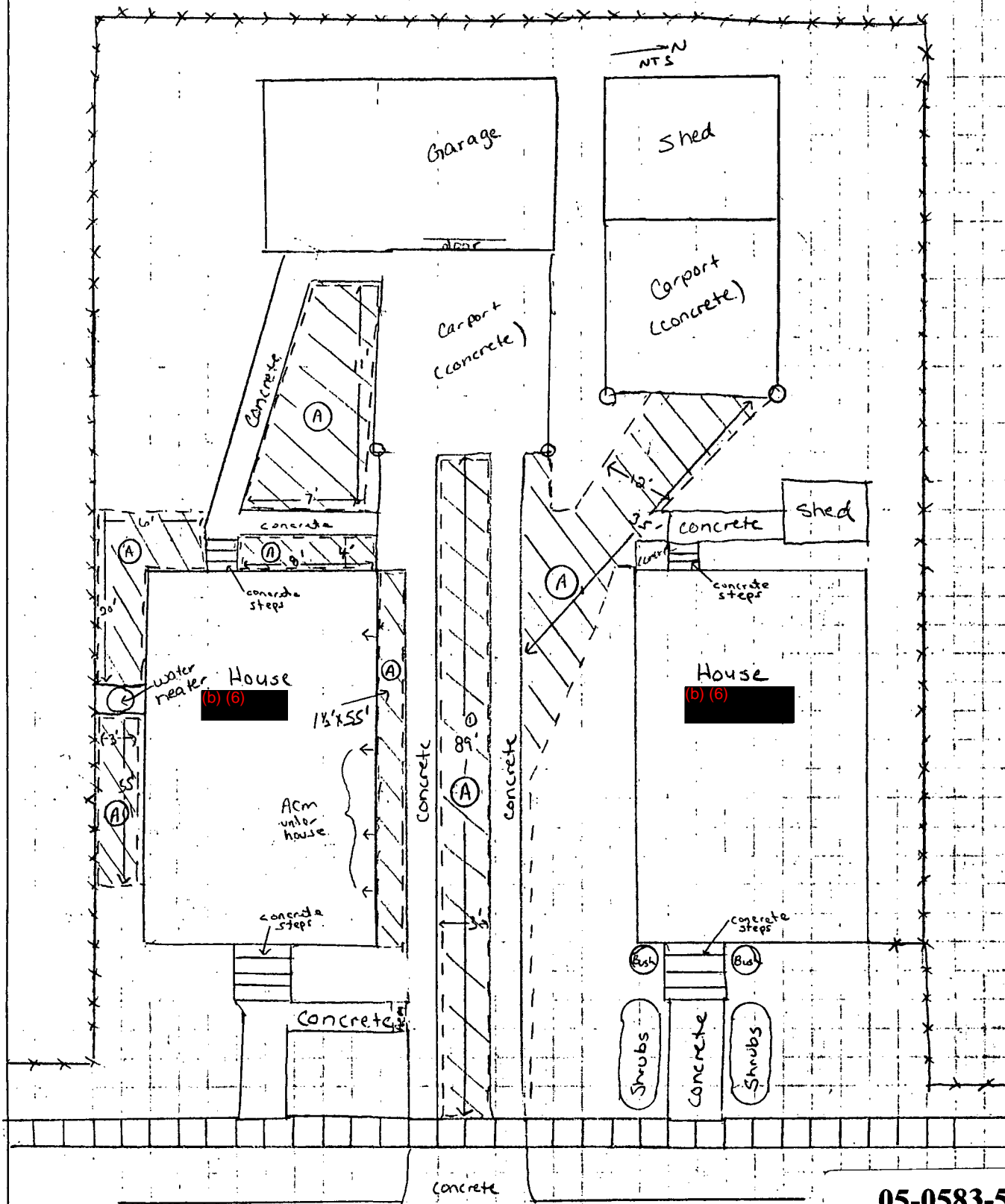
Site 583 + 582

Site Sketch

(b) (6)

-bretna

No. 5505
Engineer's Computation Pad



05-0583-530

(b) (6)

Cover Thickness

① 0 5"

Removal & Restoration

- Area (A) - remove all ACM to bincher;
sealine, concrete

005105

Note: Need to discuss removal of
ACM underneath house with EPA

1/25/97 K's spoke w/ (b) (6) about air
monitoring. He approves monitoring and restoration.

THOMAS 1/30/97
TROY M. NAQUIN 1/20/97

M Approved John M. Lin

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE#

582/583

ADDRESS:

(b) (6)

Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO ANAL RES. AS OF 02-17-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

Site #583

Site #582

GRID #: 1 2 3

1

A. PROCEED WITH RESTORATION:

✓ ✓

✓

✓

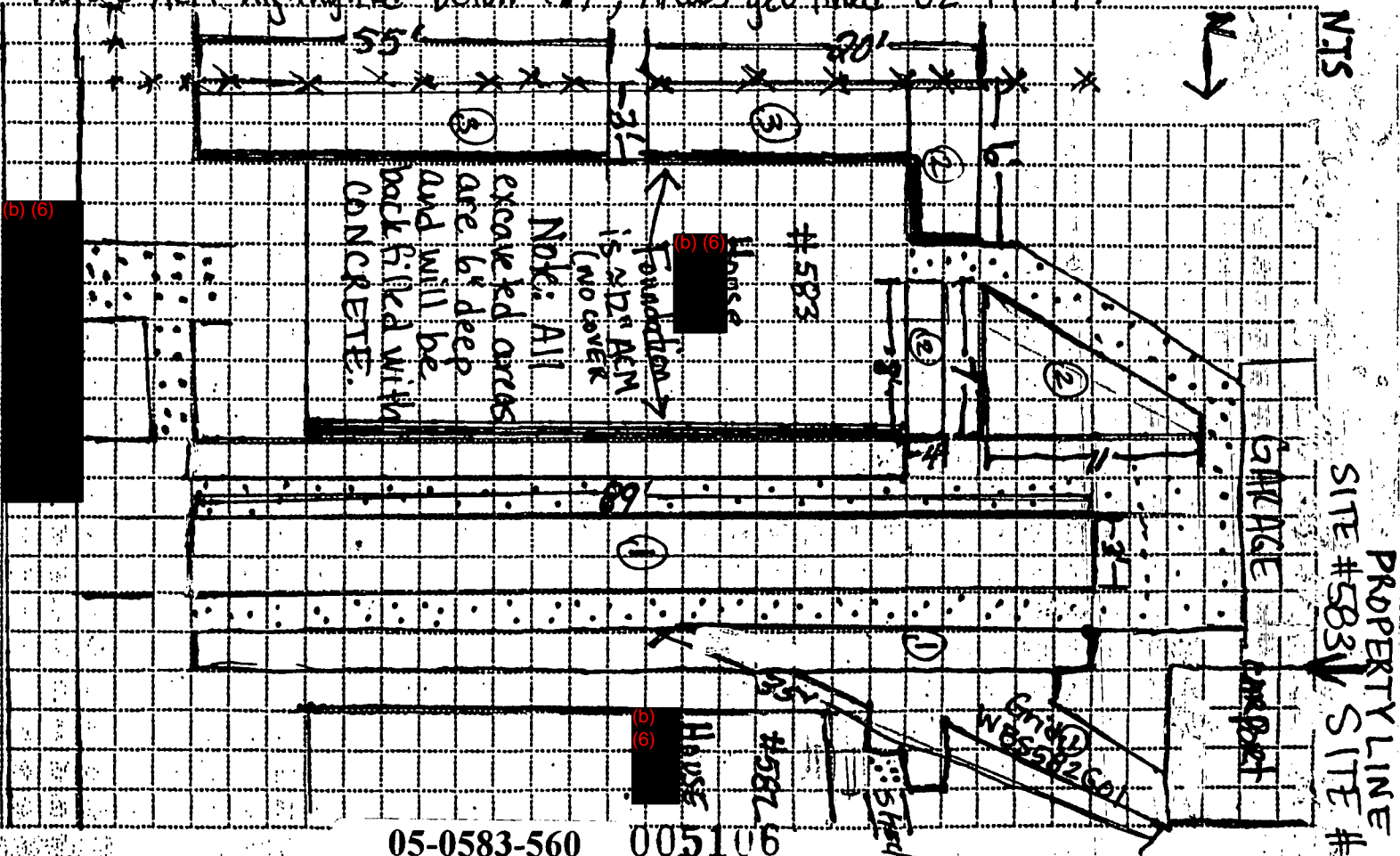
B. FURTHER ACTION NECESSARY:

— —

—

—

• Visible ACM highlighted below (1); Areas geo-lined 02-14-97.



AUTHORIZED EPA/START REPRESENTATIVE

Barbara A. Storey

EMSL

Ecology & Environment, Inc.
 11550 Newcastle Ave. #250
 Baton Rouge, LA 70816

Tuesday, February 18, 1997


Ref Number: TX97436

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS578	578 WALKWAY	Grey Fibrous Homogeneous	Teased	55%	Chrysotile		45% Other
578: Note: chips of walkway suspected to be ACM							
WBS276G02	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS582G01		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS583G01		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS583G02		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS583G03		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


 Carlos D. Salinas
 Analyst

Approved
 Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

005107

05-0583-570

Westport, NJ 978-858-0800	Haddonbury, NJ 908-481-4838	Carle Place, NY 516-487-7251	Manhasset, NY 212-338-8883	Seattle, WA 206-253-0007	Ann Arbor, MI 313-488-0670	San Mateo, CA 415-579-5401	Smyrna, GA 404-953-8895	Greensboro, NC 910-297-1487	Boston, TX 713-488-3233
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EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Wednesday, January 29, 1997

Ref Number: TX97244

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule. (AHERA)

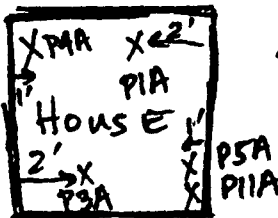
Project: 020601 WESTBANK ASBESTOS

SAMPLE ID	VOLUME (liters)	ASBESTOS TYPE(S)	# STRUCTURES		AREA ANALYZED (mm ²)	CONCENTRATION OF ASBESTOS STRUCTURES		ANALYTICAL SENSITIVITY (AS/cc)
			ASB	NONASB		AS/mm ²	AS/cc	
WBA583P1A Site #583	7188.00	None Detected	0	0	0.0498	<20.1613	<0.0011	0.0011
WBA583P31 Site #583	7390.00	None Detected	0	0	0.0498	<20.1613	<0.0011	0.0011
WBA583P4A Site #583	7128.00	None Detected	0	0	0.0498	<20.1613	<0.0011	0.0011
WBA583P5A Site #583	7380.00	None Detected	0	0	0.0498	<20.1613	<0.0011	0.0011
WBA583P11A Site #583	7277.00	None Detected	0	0	0.0498	<20.1613	<0.0011	0.0011

Comments: For "None Detected" samples, the number under AS/cc is equal to the analytical sensitivity.

Under house
air monitoring
#583. (01-27-97)

Lee Poye
Analyst



(b) (6)

Approved
Signatory

Disclaimer: The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.

Accredited for PLM/TEM NVLAP #2106

005108

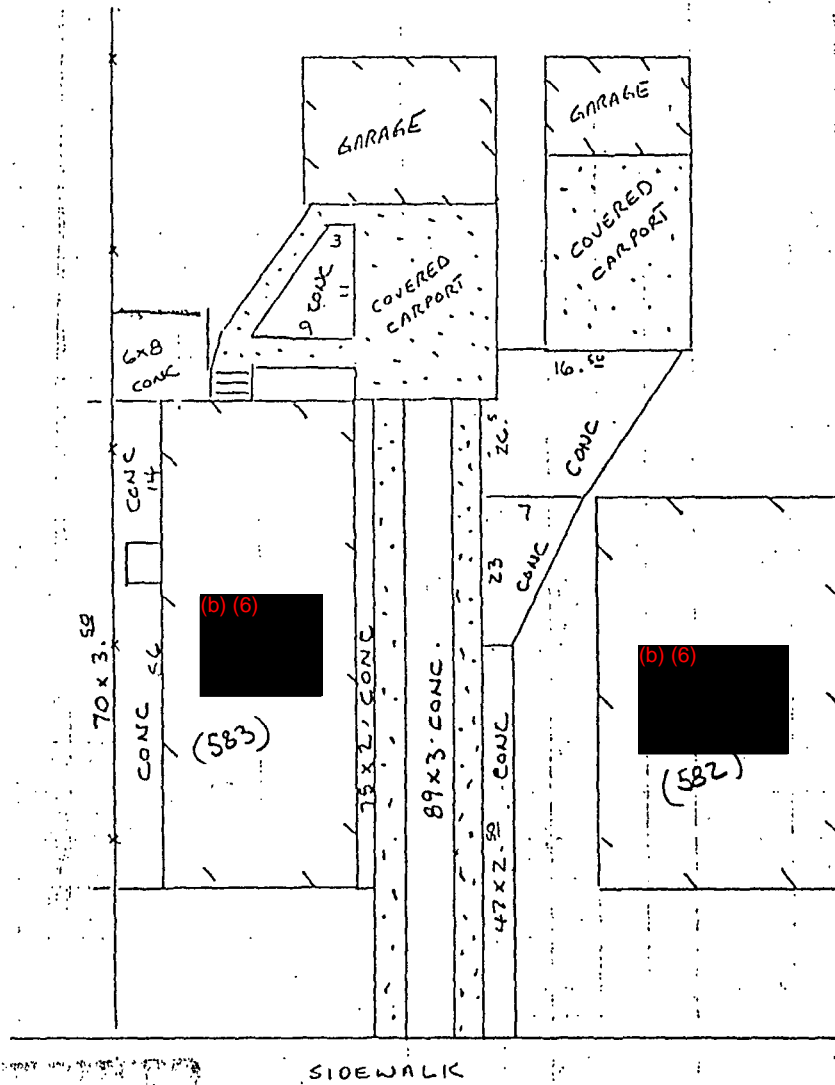
05-0583-573



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 2-17-97 Subject RESTORATION SITE # 583 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



005109

05-0583-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 2	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL	REVISED CANCELED
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.	La. Contractor's License #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane			
City: Slidell	State: LA	Zip: 70456	
Contact: Gerald Avery	Telephone: 504-646-0039		
OTHER OPERATOR:	DEQ Project Designer #:		
Address:			
City:	State:	Zip:	
Contact:	Telephone:		
III. TYPE OF OPERATION (CIRCLE ONE)		Demo Ordered Demo Renovation Emergency Reno	
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		YES NO	
Inspector's Name: Debra Bendily (LDEQ)		Inspection Date: Jan. - Apr. 1996	
Inspector's Accreditation #: 6I0685			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#583)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		RACM to be Removed	Nonfriable Asbestos Material Not to be Removed
		Cat I	Cat II
		UNIT	
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 16
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/1/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/1/96	Complete: 12/21/96

005110

05-0583-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors #3 Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane #3 685 Bridge City Avenue

City: Slidell #3 Bridge City State: LA Zip: 70458 #3 70094 Telephone #: (504)646-0039 #3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLD, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III.Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Joshua P. Hagan 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Joshua P. Hagan 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A & B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005111

05-0583-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

9/2/98

ADDRESS:

(b) (6)

SITE #:

583

ACM LOCATED BENEATH:

☒ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

12"

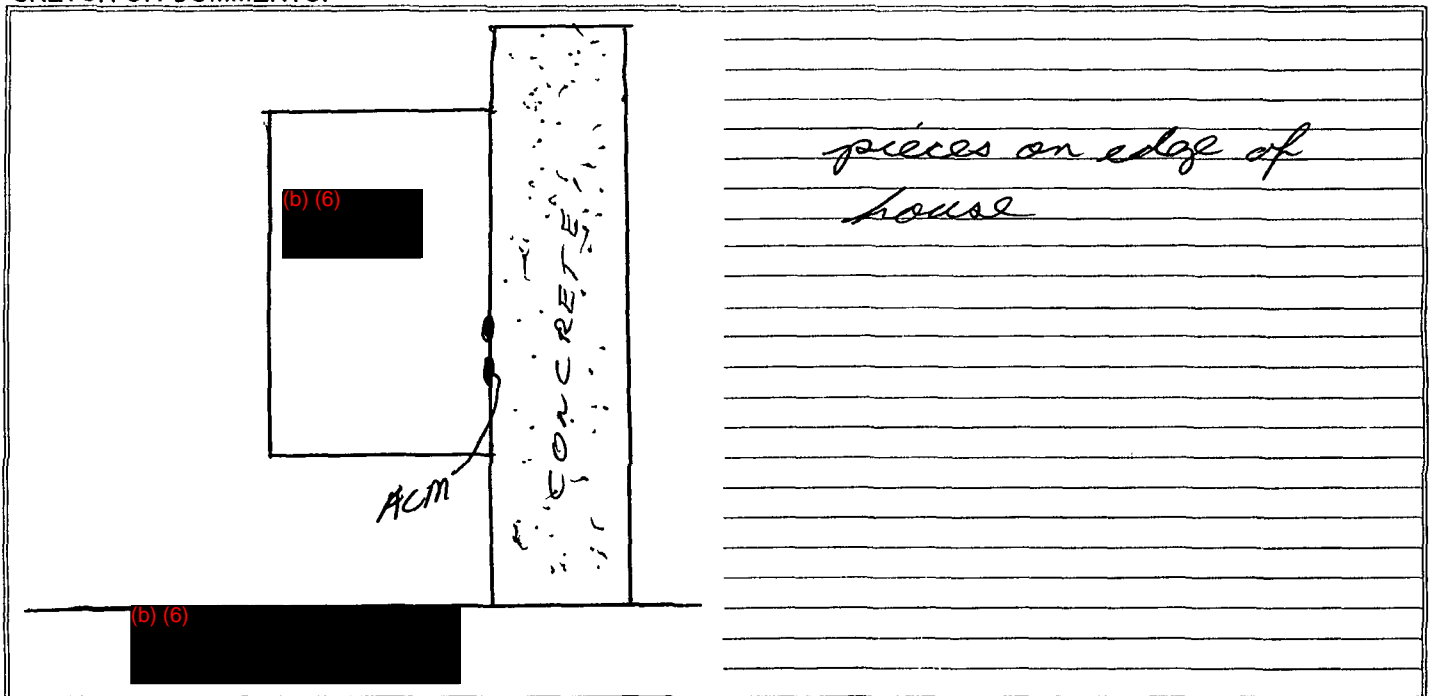
DESCRIPTION OF ACM:

☒ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

1%

SKETCH OR COMMENTS:



TEAM MEMBERS:

DA/ML

005112

05-0583-540

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6), <u>Pietra, LA 70053</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant:	

Site Description:

1) Description of property (circle): single home; <u>duplex</u> ; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>None</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:

Hand-drawn site sketch showing a duplex with two units, each labeled (b) (6). A vertical line with 'X' marks is on the left. A concrete structure on the right is labeled 'ACM' and 'Concrete' with dimensions 8 and 30. A horizontal line at the bottom is labeled (b) (6).

Estimated Volume of ACM: _____

Comments:

gravel / edgingDate/Time of Interview: 10/9 - 9:30Access Granted (circle): (yes) no

Team Members:

KS/KS

005113

05-0584-510

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6) , Gretna
State/Zip: LA 70053 Phone Number(s):

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/9/96

DATE

(b) (6)

SIGNATURE

584

SITE SKETCH

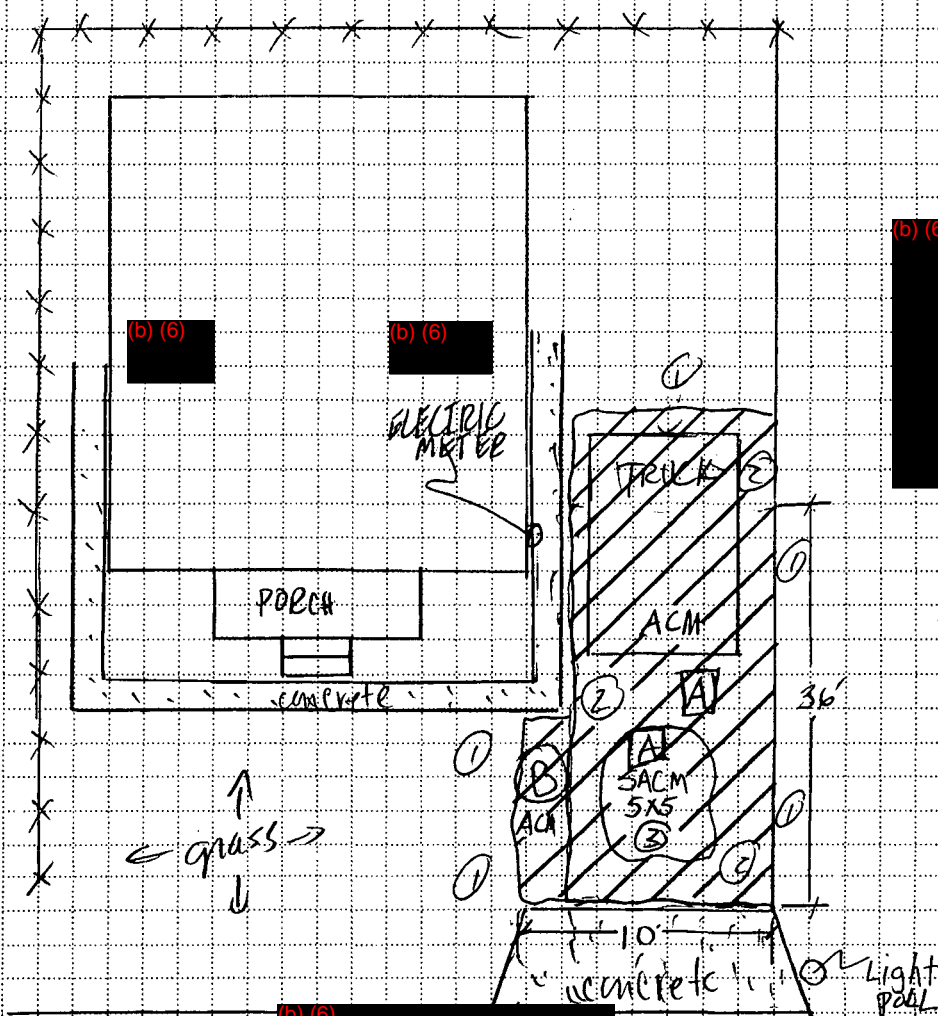
ADDRESS:

(b) (6)

Greta

UPDATED:

/



NOTES:



JUNK TECK ON ACM.

RESTORATION:

A: Limestone
B: SOD
C:

ARRIVAL:

DEPARTURE:

RESTORATION APPROVED BY:

(b) (6)

DATE: 6/23/97

TEAM: T1/SJ/MW

DATE: 9 123 197

7077 6/25

05-0584-530

005115

FYI:

SITE# 584

ADDRESS: (b) (6)

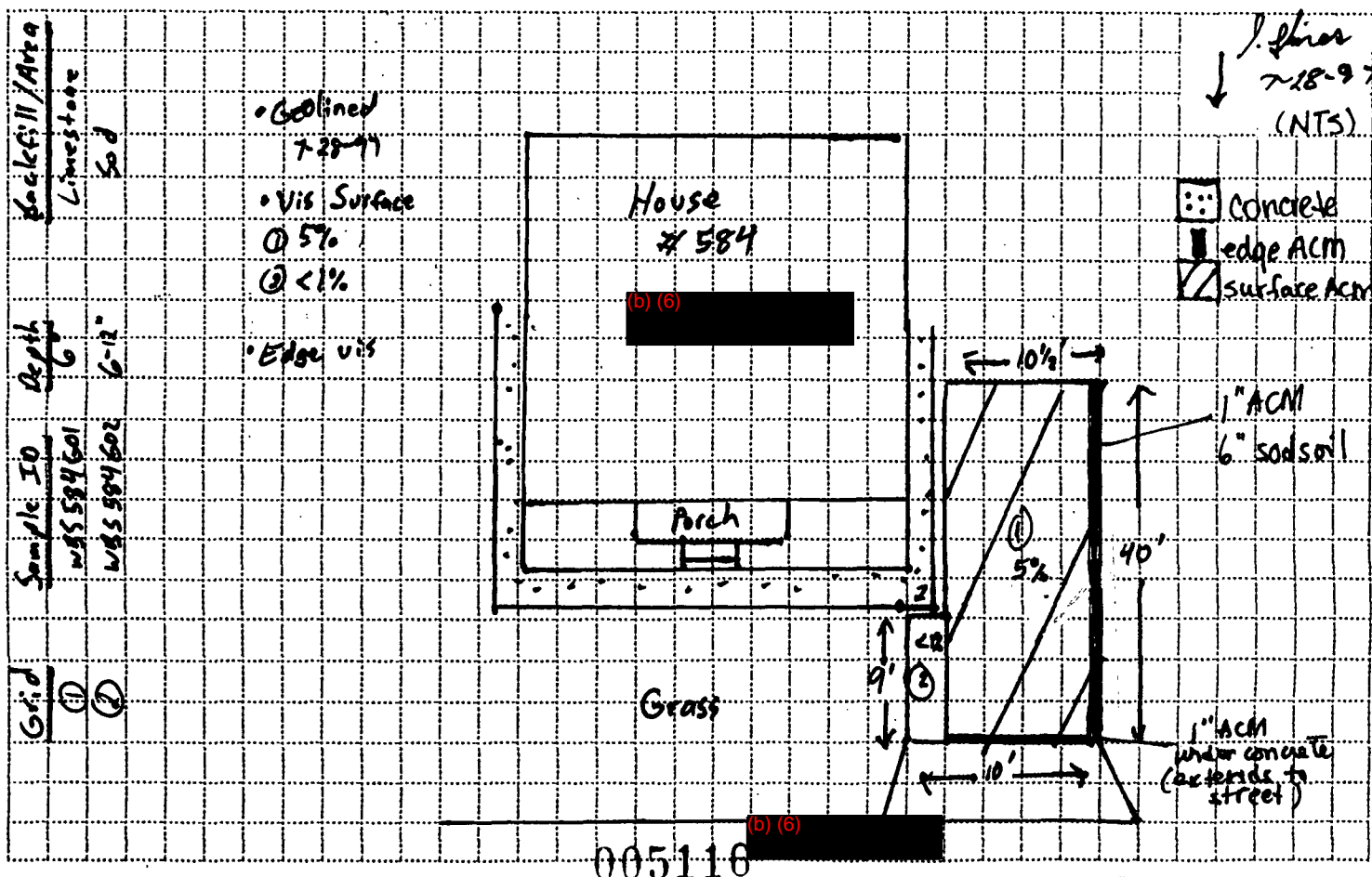
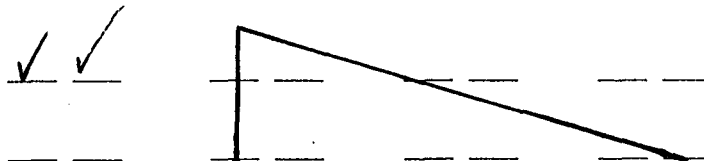
Gretna, LA

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE

Alma Miller

05-0584-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Deena DePalma
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Wednesday, July 30, 1997

Ref Number: IN97633

POLARIZED LIGHT MICROSCOPY (PLM)

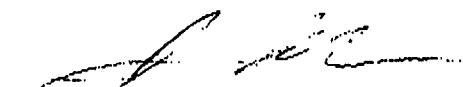
Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS298G06	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected			80% Quartz 20% Other
WBS1015G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS1015G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS584G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS584G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS354G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method


Jane Wasilewski
Analyst


Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

05-0584-570

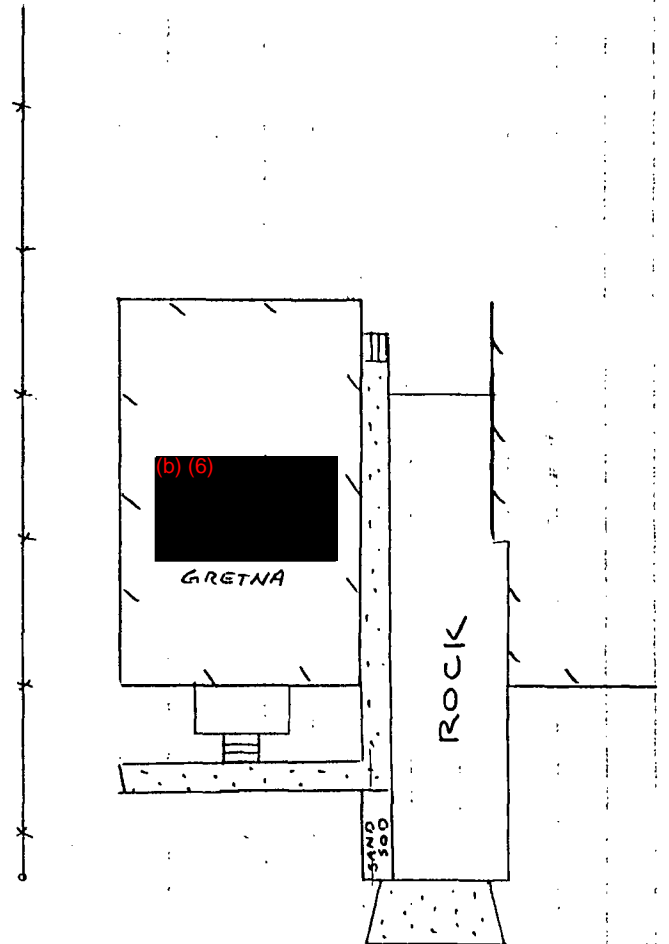
005117



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 7-29-97 Subject RESTORATION SITE # 584 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



005118

05-0584-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 584

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					40.00		
Gravel Installation (sq.yds.)					6.00		
Concrete Installation (sq. yds.)							
Concrete Installation (sq. yds.)							
Gravel Installation (sq.yds.)					6.00		
Power Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					10.00		
Gravel (cu.yds.)					2.00		
Concrete (cu.yds.)							
Elastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

05-0584-590

005119

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested	1	Parish #	1340	Source #		ADVF #	
I. TYPE OF NOTIFICATION		(CIRCLE ONE)		ORIGINAL		REVISED CANCELED	
II. FACILITY INFORMATION				Contact: John Martin			
OWNER NAME: U.S. EPA Region 6				Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave							
City: Dallas				State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.				La. Contractor's License #: 26445		DEQ ID #: 7S00008	
Address: 113 Ondine Lane							
City: Slidell				State: LA		Zip: 70456	
Contact: Gerald Avery				Telephone: 504-646-0039			
OTHER OPERATOR:				DEQ Project Designer #:			
Address:							
City:				State:		Zip:	
Contact:				Telephone:			
III. TYPE OF OPERATION		(CIRCLE ONE)		Demo		Ordered Demo Renovation Emergency Reno	
IV. IS ASBESTOS PRESENT?		(CIRCLE ONE)		YES		NO	
Inspection Date: Jan. - Apr. 1996							
Inspector's Name: Debra Bendily (LDEQ)				Inspector's Accreditation #: 6I0685			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)							
Building/Component Name: Home (#584)				Fire Marshall Project #:			
Street Address: (b) (6)							
City: Gretna		State: LA		Zip: 70053		Parish: Jefferson	
Site Location: On side of house				Telephone: NA			
Building Size: NA		# of Floors: NA		Age in Years: NA			
Present Use: NA				Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116							
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:		RACM to be Removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
1. Regulated ACM to be removed							
2. Category I ACM not removed							
3. Category II ACM not removed							
				Cat I Cat II		UNIT	
Pipes						Ln Ft: Ln m:	
Surface Area						Sq Ft: Sq m:	
Vol RACM off Facility Component						Cu Ft: Cu yds: 5	
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)				Start: 4/7/96		Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)				Start: 4/7/96		Complete: 12/21/96	

005120

05-0584-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane 685 Bridge City Avenue			
City: Slidell	Bridge City	State: LA	Zip: 70458 70094
			Telephone#: (504)646-0039 #3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)			
Location: 5800 Avondale 90 West			
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLLED, PULVERIZED, OR REDUCED TO POWDER.
Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III.Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Jude A. Hodge 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Jude A. Hodge 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005121

05-0584-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

9/1/98

SITE #:

584

ADDRESS:

(b) (6)

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

NA

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<p>NO ACM <i>[Signature]</i></p>	

TEAM MEMBERS:

DA/ML

05-0584-540

005122

FIELD DATA SHEET 1

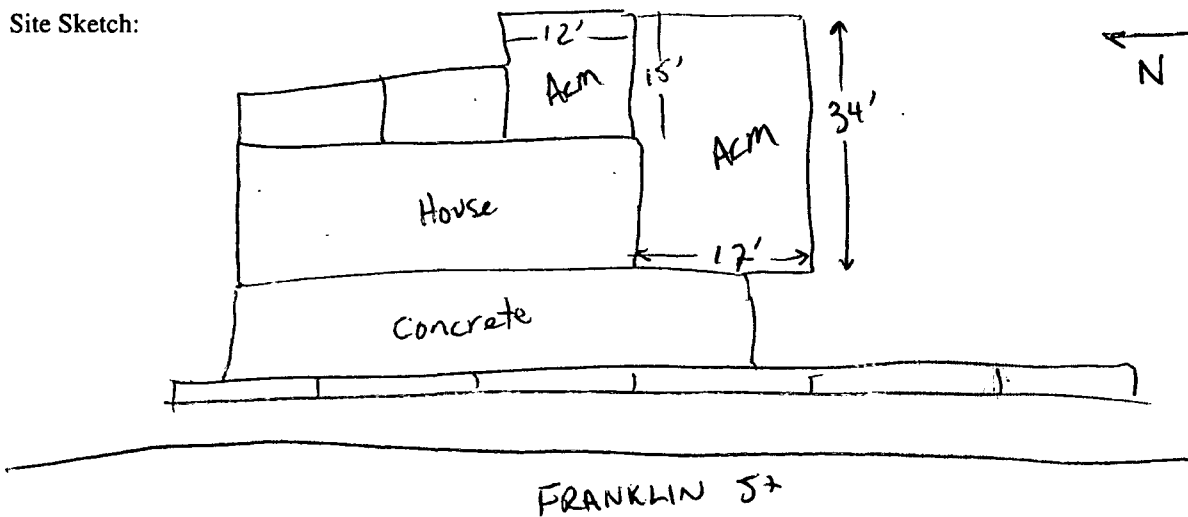
Site Information:

Occupant: <u>Sam Wallace</u>	Interviewee: <u>Sam Wallace</u>
Address: <u>1403 Franklin St, Gretna, LA, 70053</u>	
Phone No.: <u>?</u>	
Owner Name, Address, and Phone No. if Different Than Occupant: <u>Reflection Barber & Beauty Shop</u>	

Site Description:

1) Description of property (circle): single home; duplex; <u>business</u> ; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>NO</u> resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other <u>NO</u> Note location on site sketch.
4) Is any underground ACM present? (circle): yes; <u>no</u> ; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: soil/grassDate/Time of Interview: 10/11 1330Access Granted (circle): yes; noTeam Members: Cochill/Johnson

005123

05-0585-510

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: Reflection Barber & Beauty Shop
Property's Address: 1403 Franklin St, Gretna,
State/Zip: LA, 70053 Phone Number(s): _____

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

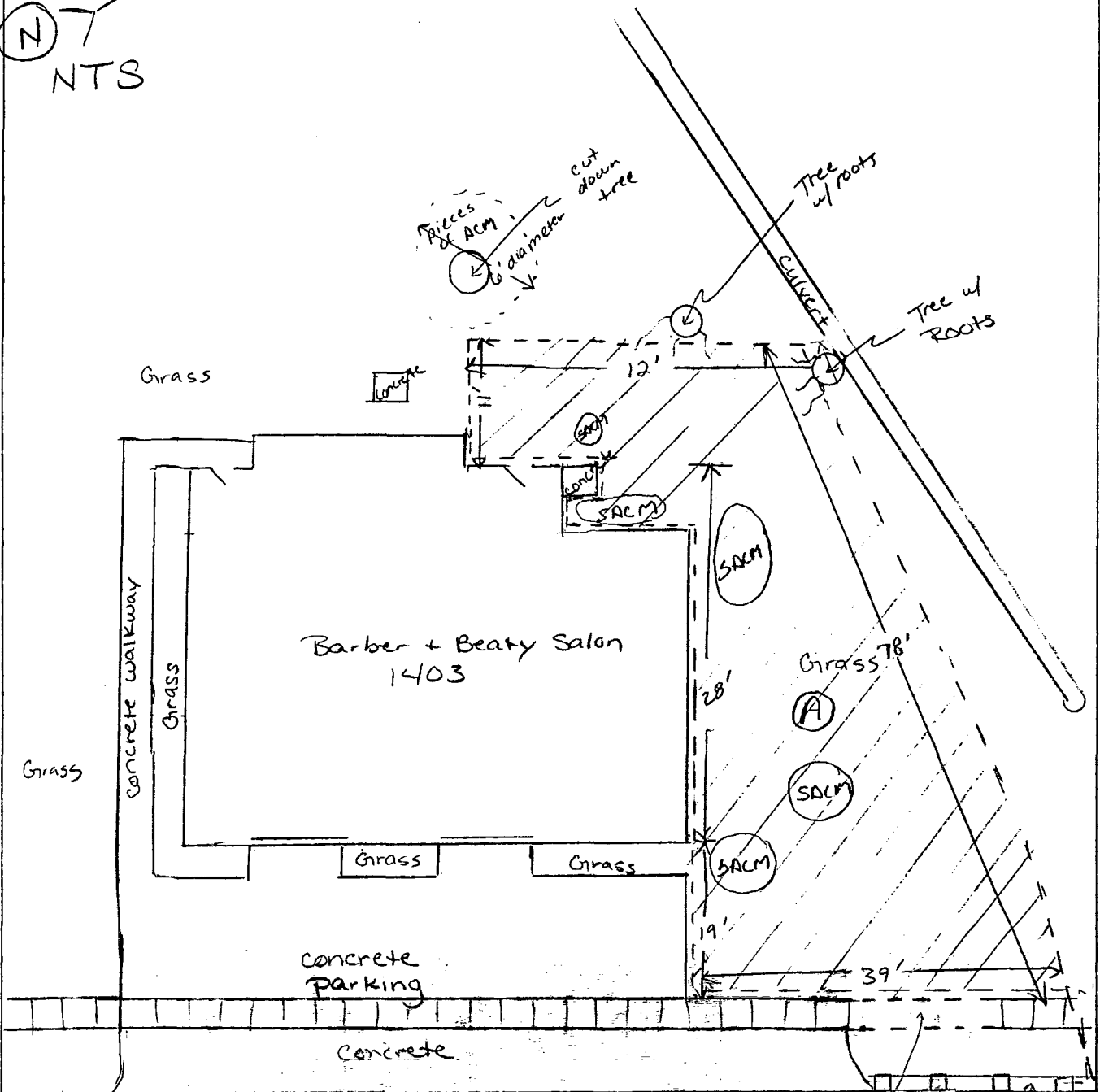
10-11-96

DATE

Samuel Wallace
SIGNATURE

05-0585-520

005124



Franklin St., Gretna

SACM = Surficial ACM

- # cover depth
- * 90% 2-4" under cover; 3" thick
 - < 10% exposed at surface
 - Soil / Sod recommended

1/21/97
Turn Photos
JM

Removal & Restoration

- Area (A) - remove all visible not to exceed
- 1 foot, geoline, sod

005125

05-0585-530

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 585

ADDRESS: 1403 Franklin St.
Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 02.03.97 (BAS) and 02.04.97

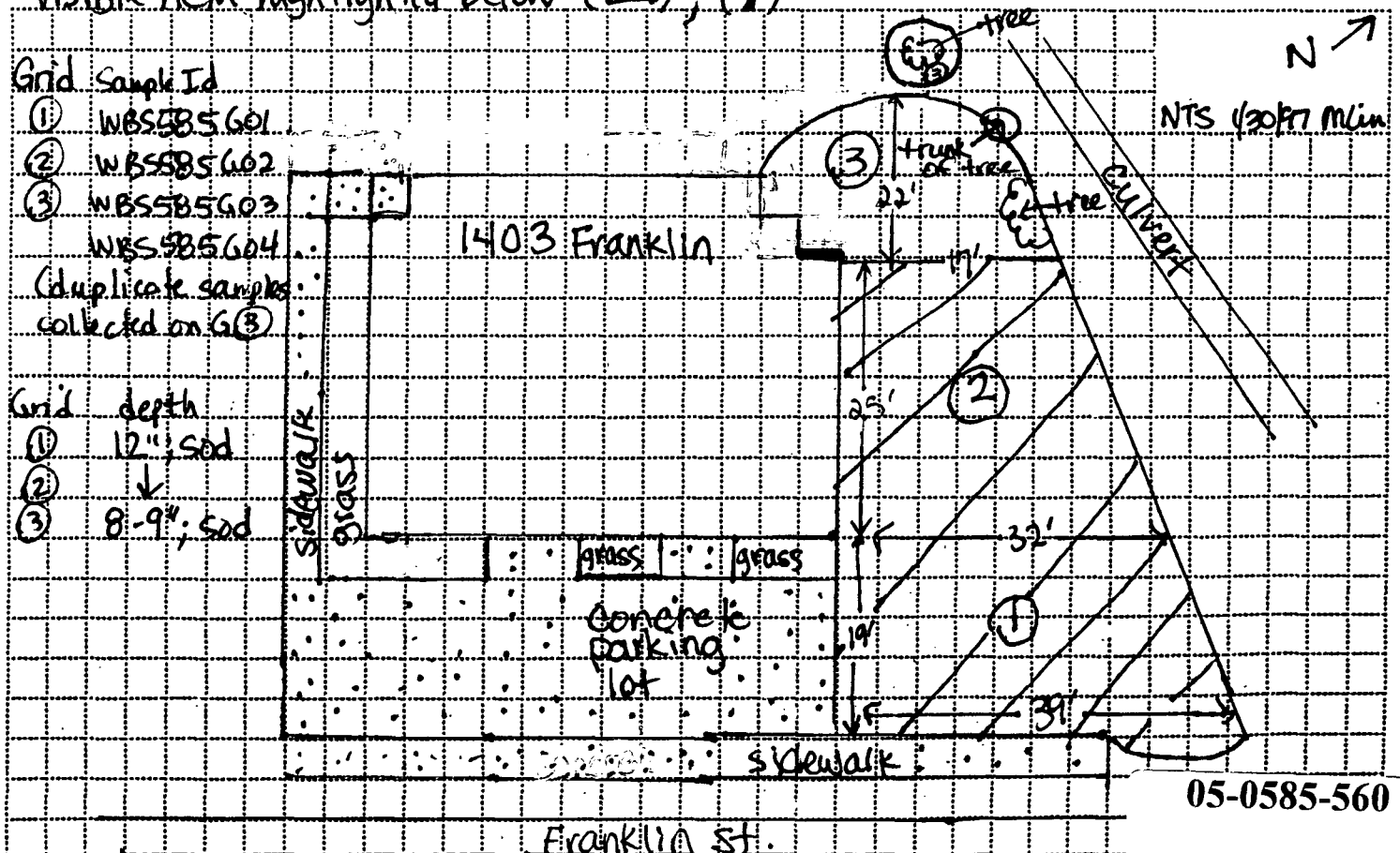
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ✓ ✓ ✓ — — — — —

B. FURTHER ACTION NECESSARY: entire excavated area was geo-lined 01.30.97

* Visible ACM highlighted below: (22), (1)



AUTHORIZED EPA/START REPRESENTATIVE

005126

Barbara A. Storey

Westwood, NJ 908-553-0500 Parsippany, NJ 908-961-4600 Carlo Place, NY 516-947-7221 Manhattan, NY 212-226-0052 Seattle, WA 206-333-0007 Ann Arbor, MI 313-466-4810 San Diego, CA 619-570-5401 Cary, NC 404-333-0000 Greensboro, NC 810-397-1467 Houston, TX 713-866-3635



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Monday, February 03, 1997

Ref Number: TX97295

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS585GO1	585	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS585GO2	585	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS585GO3	585	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS585GO4	585	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS200GO1	200	Tan Non-Fibrous Homogeneous	Teased	8%	Chrysotile 2% Crocidolite		90% Other
WBS200GO2	200	Tan Non-Fibrous Homogeneous	Teased	4%	Chrysotile < 1% Crocidolite		96% Other

*Dup of
WBS585GO3*

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.



Carlos D. Salinas
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0585-570

005127

NOTIFICATION OF DEMOLITION AND RENOVATION FORM
FORM AAC-2 REV 5/12/95

# of ADVF's Requested 2	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE) <u>ORIGINAL</u> REVISED CANCELED			
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas		State: TX	Zip: 75202
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell		State: LA	Zip: 70456
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:		State:	Zip:
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE) <u>Demo</u> Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) <u>YES</u> NO		Inspection Date: Jan. - Apr. 1996	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 610685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Business (#585)		Fire Marshall Project #:	
Street Address: 1403 Franklin Street			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: In back of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		RACM to be Removed	Nonfriable Asbestos Material Not to be Removed
		Cat I	Cat II
		UNIT	
Pipes		Ln Ft:	Ln m:
Surface Area		Sq Ft:	Sq m:
Vol RACM off Facility Component		Cu Ft:	Cu yds: 15
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/1/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/1/96	Complete: 12/21/96

005128

05-0585-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	[#] Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane [#] 685 Bridge City Avenue			
City: Slidell [#] Bridge City	State: LA	Zip: 70458 [#] 70094	Telephone#: (504)646-0039 #3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
----------------	-----------	------------	--------------------------

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III.Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Jude S. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Jude S. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005129

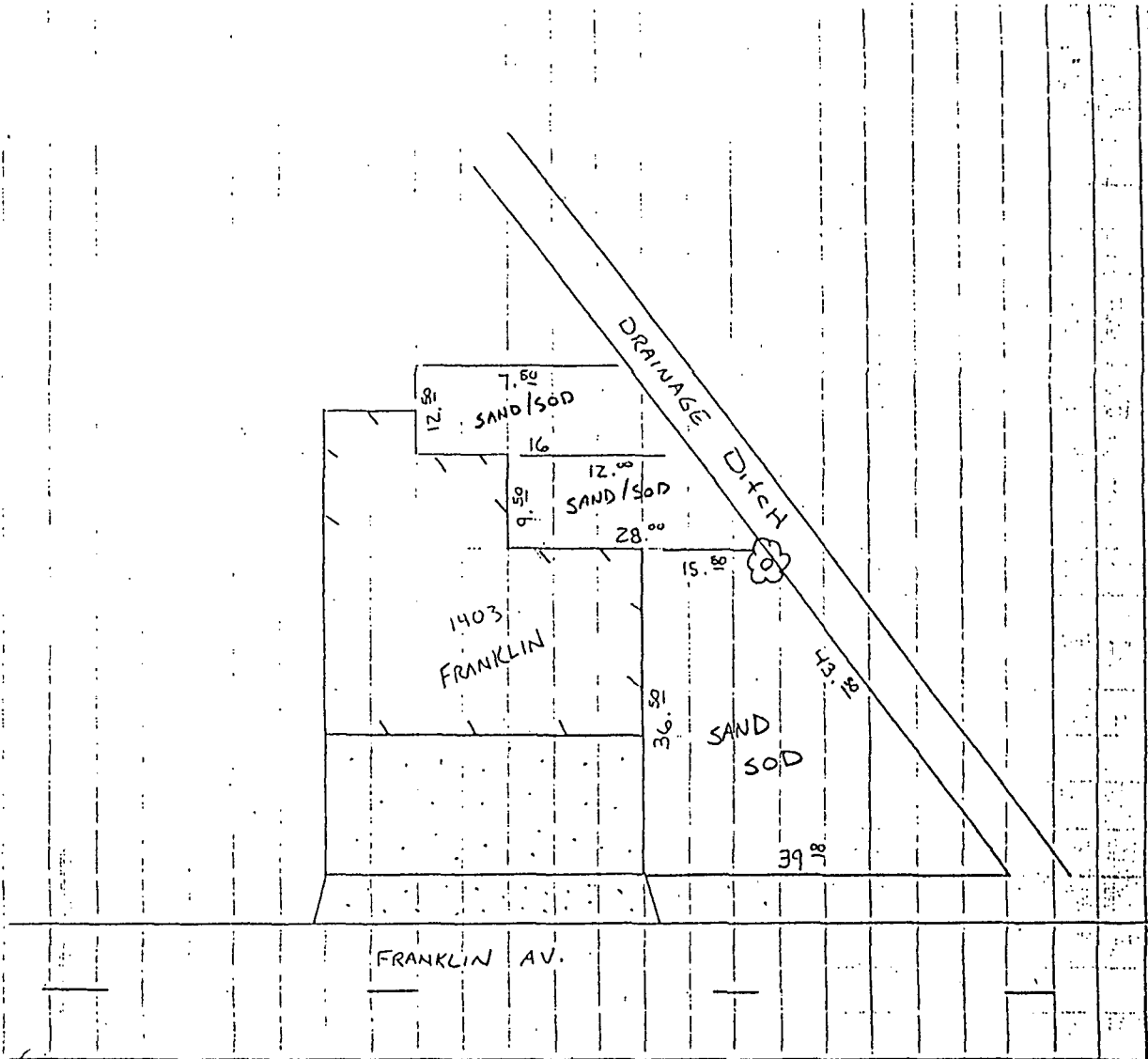
05-0585-550



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 1-31-97 Subject Restorations SITE # 585 Sheet No. of
Chkd. By Date Proj. No.



05-0585-590

005130

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98
SITE #: 218-7403 585

ADDRESS: 1403 Franklin St
Gretna

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

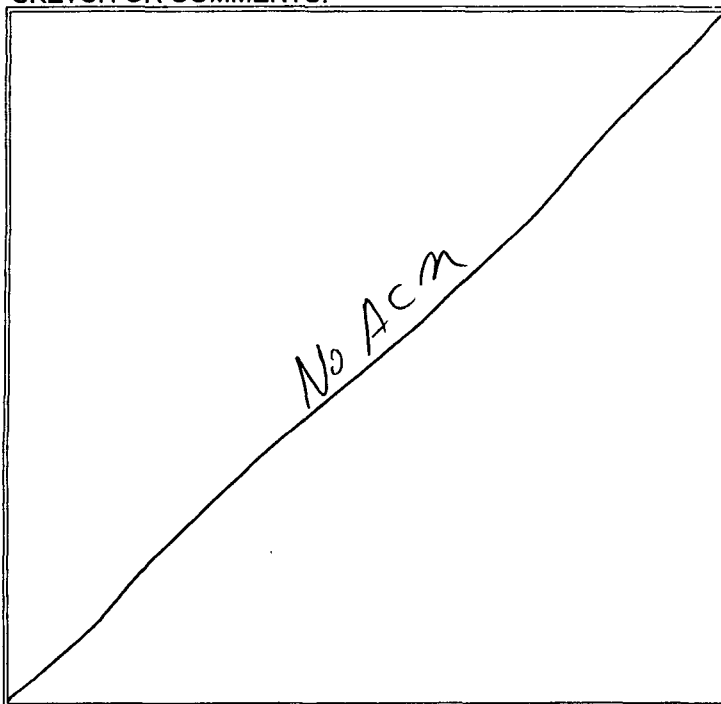
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	<u>No Crawl Space</u>

TEAM MEMBERS:

MTL/PLL

005131

05-0585-540

11-18 No one home; SM/AR

FIELD DATA SHEET 1

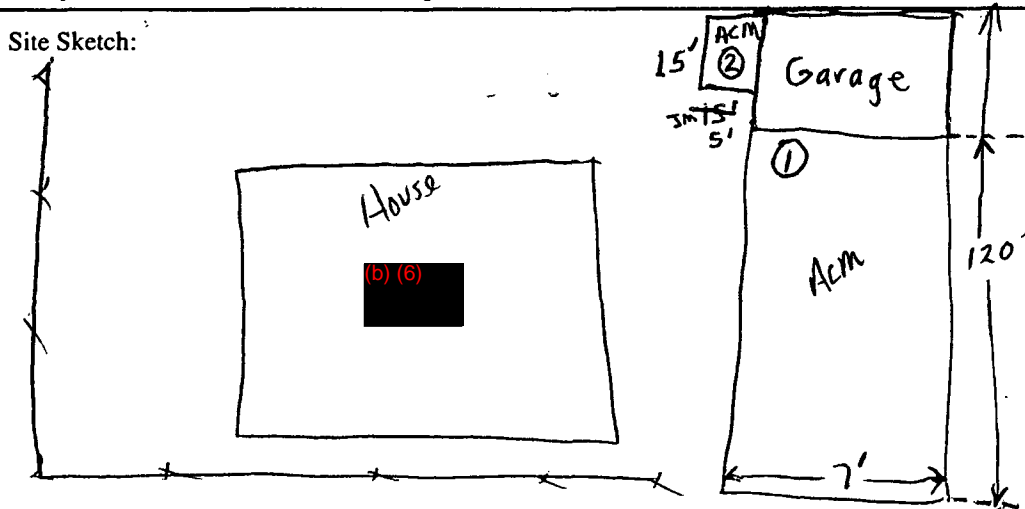
Site Information:

Occupant:	Interviewee: (b) (6)
Address: (b) (6), <u>GREYNA, LA.</u>	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; <u>no</u> ; don't know If yes, note on site sketch. How deep? _____

Site Sketch:

Estimated Volume of ACM: 915 ft³Comments: Backfill: ① concrete; call owner prior to removal.
② soil/rod.Date/Time of Interview: 11-19/1440Access Granted (circle): yes; noTeam Members: SM/AR

005132

05-0586-510

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
 Property's Address: (b) (6), GRETNA
 State/Zip: LA, 70053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

I sign this agreement contingent on the fact that I will not be held liable for any asbestos substances
 11/19/96

DATE: 11/19/96
 while working on my property. 11/19/96
 SIGNATURE: [Signature]
 005133 05-0586-520

586

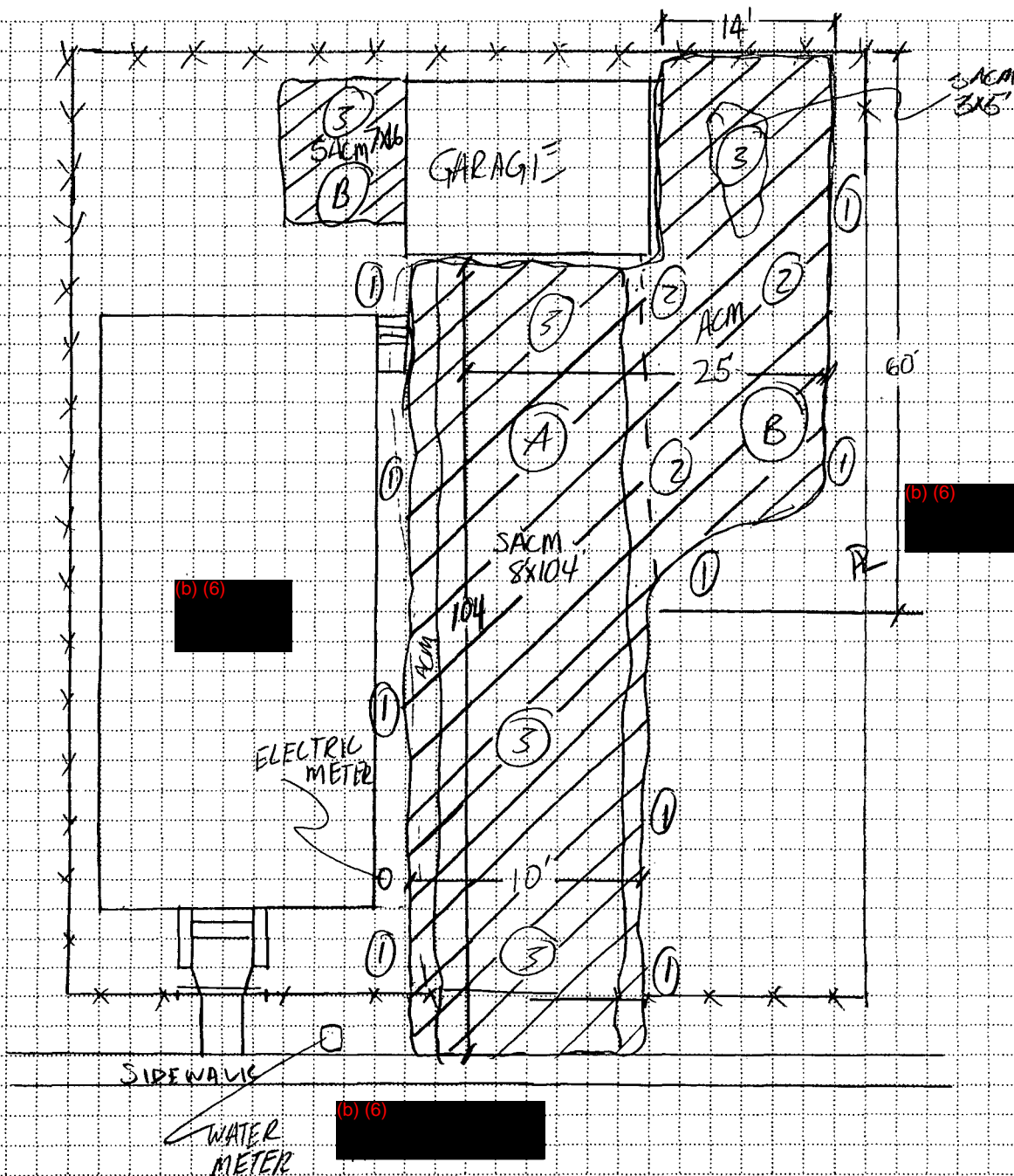
SITE SKETCH

ADDRESS:

(b) (6)

UPDATED:

14



NOTES:

N (NTS)



RESTORATION: A: Concrete (10 x 104)
B: Sod/soil
C:

ARRIVAL: 1045
DEPARTURE: 1115

RESTORATION APPROVED BY:

(b) (6)

VIA PHONE 1100 DATE: 6/28/97

TEAM: 71/5J/MW

DATE: 6/23/77

05-0586-530

1105134

WESTBANK ACM REMOVAL PROJECT

SAMPLE ANALYSIS CONFIRMATION

USEPA START TEAM

FYI:

SITE# 586

ADDRESS: (b) (6)

Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON Analytical Results received 8-6-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 8

A. PROCEED WITH RESTORATION:

☒ ☒

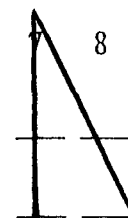
☒ ☐

☒ Dup
of
GOS

B. FURTHER ACTION NECESSARY:

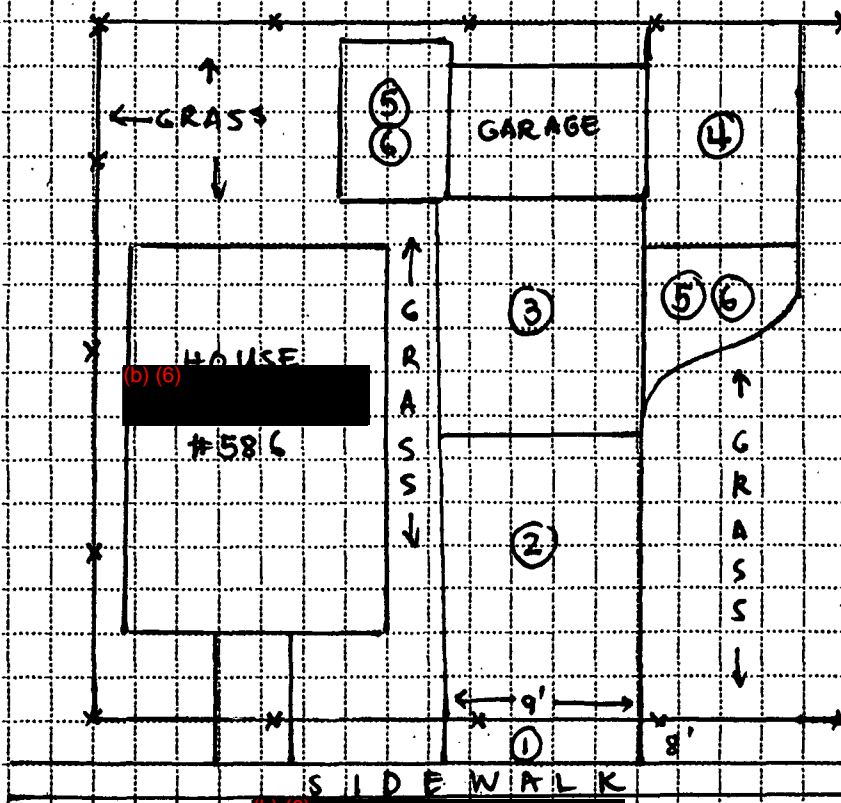
☐ ☐

☐ ☐



Geotined 08.04.97

GRID	SAMPLE ID	DEPTH	BACKFILL AREA
①	WBS586601	6"	limestone / scum tide
②	WBS586602	6"	concrete / driveway
③	WBS586603	6"	concrete / driveway
④	WBS586604	6"	sod soil / sidewalk
⑤	WBS586605	6"	sod soil / backyard
⑥	* DUPLICATE of GOS *		



05-0586-560

AUTHORIZED EPA/START REPRESENTATIVE

John T. [Signature]
005135

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Alma Rillera
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Wednesday, August 06, 1997

Ref Number: IN97721

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS244G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			30% Quartz 68% Other
WBS244G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			30% Quartz 70% Other
WBS557G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected			30% Quartz 70% Other
WBS558G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected			30% Quartz 70% Other
WBS558G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected			30% Quartz 70% Other
WBS558G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 193-1 Method


Jane Wasilewski
Analyst


Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200168-0).

05-0586-570

005136

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Alma Rillera
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Wednesday, August 06, 1997

Ref Number: IN97721

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 800/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS555G04	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		40% Quartz 60% Other
WBS555G05		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		40% Quartz 60% Other
WBS555G06		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		40% Quartz 60% Other
WBS555G07		Brown Non-Fibrous Homogeneous	Crushed		None Detected		46% Quartz 54% Other
WBS555G08		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		40% Quartz 60% Other
WBS555G09		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		40% Quartz 60% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 188-1 Method

Jane Wasilewski
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200165-0).

2

05-0586-570

005137



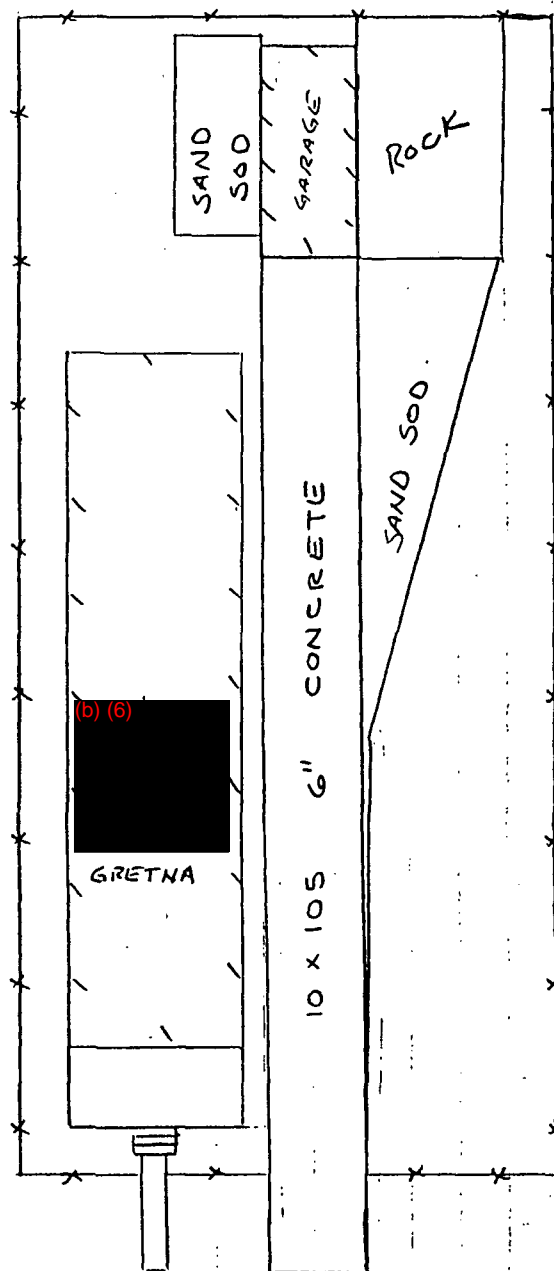
INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 8-5-97 Subject RESTORATION SITE 586 Sheet No. of
Chkd. By Date Proj. No.

REVISED 8-8-97

AS PER USEPA T.W.



05-0586-590

005138

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 586

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					35. ⁵⁰		
Gravel Installation (sq.yds.)					78. ⁵⁰		
4" Concrete Installation (sq. yds.)					116. ⁵⁰		
6" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					114. ⁰⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					10. ⁰⁰		
Sand (cu.yds.)					27. ⁰⁰		
Concrete (cu.yds.)					19. ⁵⁰		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

005139

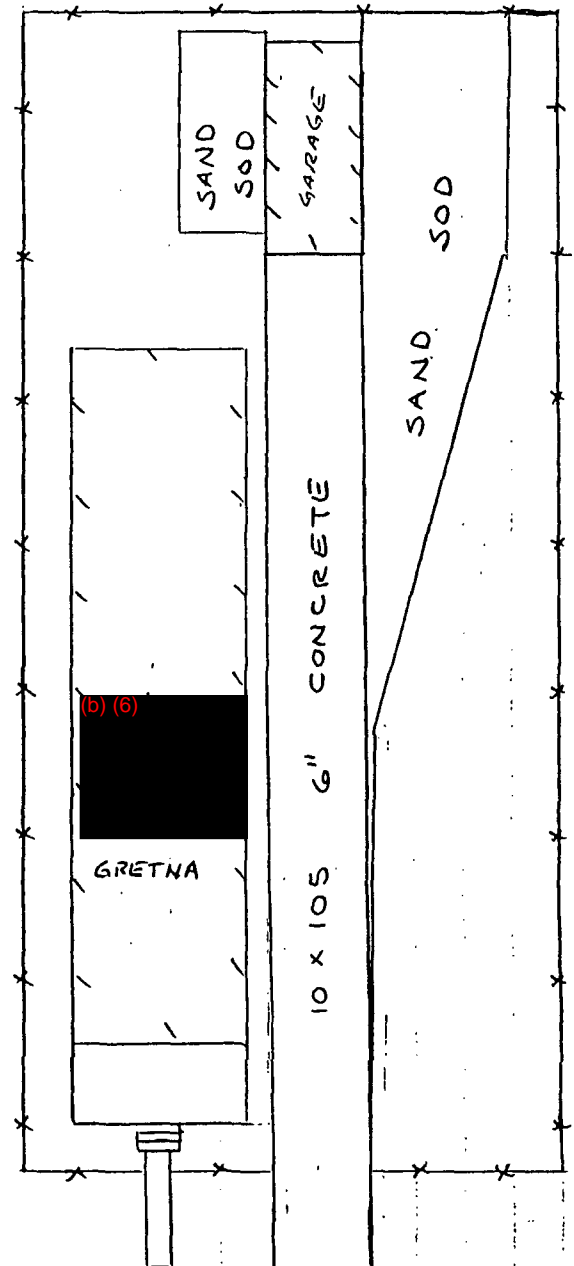
05-0586-590



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 8-5-97 Subject RESTORATION SITE 586 Sheet No. of
Chkd. By Date Proj. No.



05-0586-590

005140

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 586

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Gravel Installation (sq.yds.)					114. ⁰⁰		
3" Concrete Installation (sq. yds.)					116. ⁵⁰		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					114. ⁰⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					36. ⁰⁰		
Concrete (cu.yds.)					19. ⁵⁰		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

 T REPRESENTATIVE SIGNATURE
 SUB 1 SIGNATURE
 SUB 2 SIGNATURE

05-0586-590

005141

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 2	Parish # 1340	Source #	ADVF #		
I. TYPE OF NOTIFICATION (CIRCLE ONE) <u>ORIGINAL</u> REVISED CANCELED					
II. FACILITY INFORMATION		Contact: John Martin			
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave					
City: Dallas	State: TX	Zip: 75202			
REMOVAL CONTRACTOR: Quality Environmental Constr.	La. Contractor's License #: 26445	DEQ ID #: 7S00008			
Address: 113 Ondine Lane					
City: Slidell	State: LA	Zip: 70456			
Contact: Gerald Avery	Telephone: 504-646-0039				
OTHER OPERATOR:	DEQ Project Designer #:				
Address:					
City:	State:	Zip:			
Contact:	Telephone:				
III. TYPE OF OPERATION (CIRCLE ONE) <u>Demo</u> Ordered Demo Renovation Emergency Reno					
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) <u>YES</u> NO		Inspection Date: Jan. - Apr. 1996			
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 610685			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)					
Building/Component Name: Home (#586)		Fire Marshall Project #:			
Street Address: (b) (6)					
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson		
Site Location: On side of house		Telephone: NA			
Building Size: NA	# of Floors: NA	Age in Years: NA			
Present Use: NA		Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116					
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
		Cat I	Cat II	UNIT	
Pipes				Ln Ft:	Ln m:
Surface Area				Sq Ft:	Sq m:
Vol RACM off Facility Component				Cu Ft:	Cu yds: 16
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/1/96		Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/1/96		Complete: 12/21/96	

05-0586-550

05142

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors " Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane " 685 Bridge City Avenue

City: Slidell " Bridge City State: LA Zip: 70458 " 70094 Telephone#: (504)646-0039
#3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLD, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Joshua T. Holga 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Joshua T. Holga 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S. 40:1574 A & B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

05-0586-550

005143

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98
SITE #: 586

ADDRESS: (b) (6)
6000

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

No ACM

TEAM MEMBERS: MTL/PLL

05-0586-540

005144

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Gretna, LA, 70053</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): single home; <u>duplex</u> ; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>NO</u> resolution: _____
3) Underground utilities installed by owner? (circle): no; <u>water</u> ; gas; electric; cable TV; septic tank; other _____ Note location on site sketch. <u>don't know where</u>
4) Is any underground ACM present? (circle): yes; <u>no</u> ; don't know If yes, note on site sketch. How deep? _____

Site Sketch:

4-Plex House

AcM

104

3'

House

(b) (6)

(b) (6)

(b) (6)

Estimated Volume of ACM: _____

Comments: LimestoneDate/Time of Interview: 10/11 11:00Access Granted (circle): yes noTeam Members: KS/KS

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6), Gratina, LA, 70053
State/Zip: LA, 70053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/11

DATE

(b) (6)

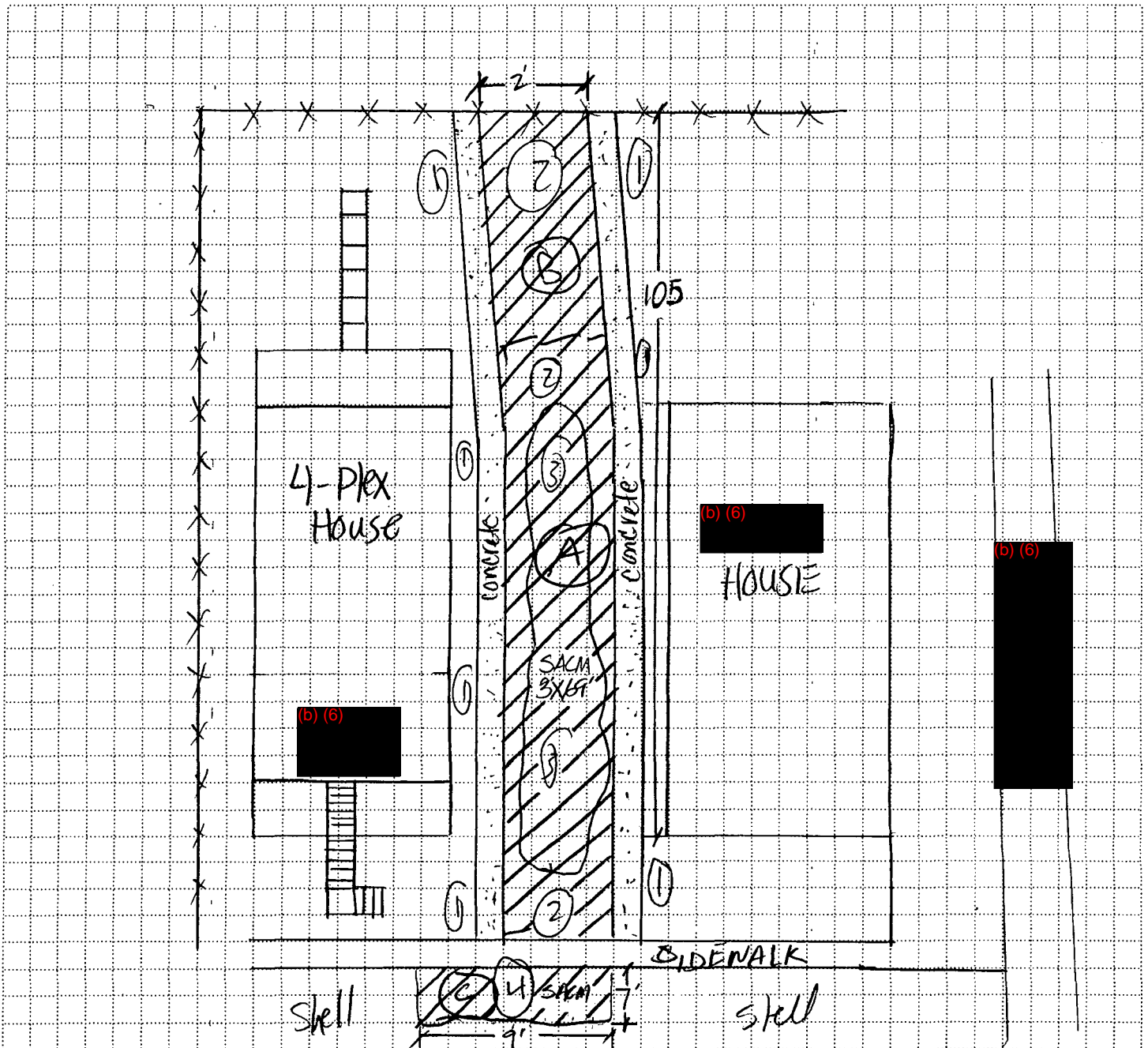
SIGNATURE

TRACKING # 587

SITE SKETCH

ADDRESS: (b) (6)

Grefna

UPDATED: 1 / 1

NOTES:

N (NTS)

RESTORATION: A: Concrete

B: SOD

C: Limestone

ARRIVAL: 1115

DEPARTURE: 1140

RESTORATION APPROVED BY: (b) (6)

TEAM: TT/SJ/MW

DATE: 06/23/97

005147

#	COVER	THICKNESS
1	6" sand/soil	—
2	2" sand/soil	3" ACM
3	—	3" ACM
4	3" gravel	2" ACM

05-0587-530

(phone)

DATE: 6/25/97

to 11/6/25

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 587

ADDRESS: (b) (6)
Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON Analytical Results received 8-6-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

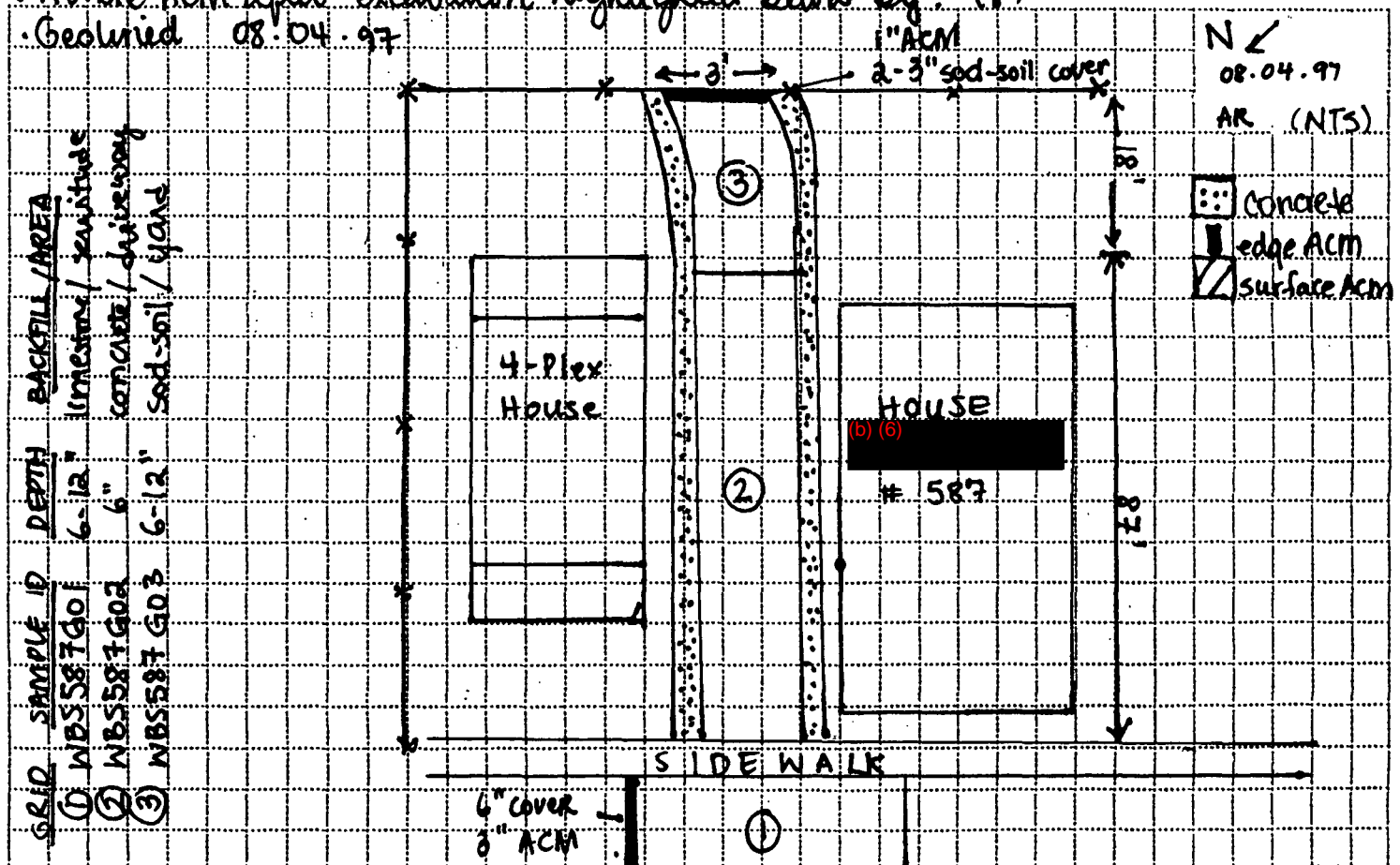
GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ✓ ✓ ✓ — — — — —

B. FURTHER ACTION NECESSARY: — — — — — — — —

• Visible ACM after excavation highlighted below by: (1)

• Geolined 08.04.97



(b) (6)

005148

05-0587-560

AUTHORIZED EPA/START REPRESENTATIVE

Jody T. Rivers, Jr.

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Alma Rillera
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Wednesday, August 06, 1997

Ref Number: IN97721

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 800/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS585G04	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile	40%	Quartz 80% Other
WBS586G05		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile	40%	Quartz 80% Other
WBS586G06		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile	40%	Quartz 80% Other
WBS587G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected		45%	Quartz 55% Other
WBS587G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile	40%	Quartz 80% Other
WBS587G03		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite	40%	Quartz 80% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk 0200188-0).

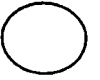
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005149

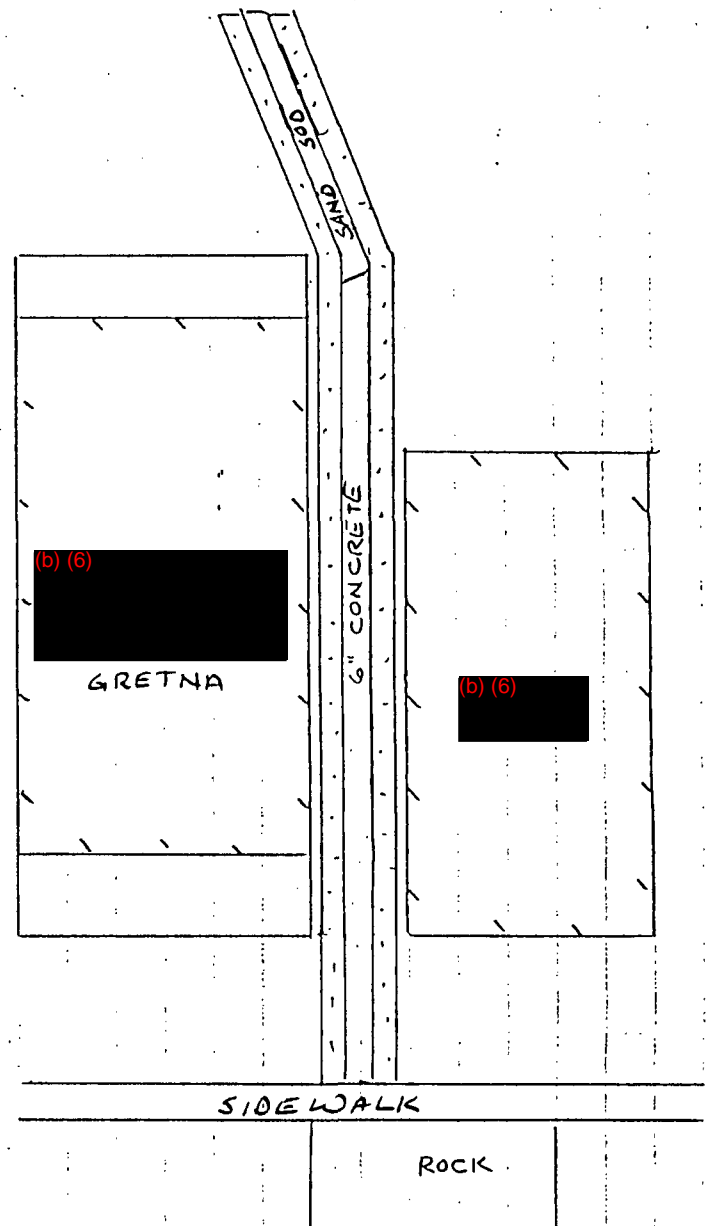
05-0587-570



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 8-5-97 Subject RESTORATION SITE # 587 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



005150

05-0587-590

WESTBANK ASBESTOS ABATEMENT

NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 587

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					31. ⁵⁰		
Sod Installation (sq.yds.)					8. ⁰⁰		
6" Concrete Installation (sq. yds.)					30. ⁵⁰		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					8. ⁰⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					10. ⁰⁰		
Sand (cu.yds.)					2. ⁰⁰		
Concrete (cu.yds.)					5. ⁰⁰		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoll (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

NOTIFICATION OF DEMOLITION AND RENOVATION FORM
FORM AAC-2 REV 5/12/95

# of ADVF's Requested	1	Parish #	1340	Source #		ADVF #	
I. TYPE OF NOTIFICATION		(CIRCLE ONE)		ORIGINAL		REVISED CANCELED	
II. FACILITY INFORMATION				Contact: John Martin			
OWNER NAME: U.S. EPA Region 6				Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave							
City: Dallas				State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.				La. Contractor's License #: 26445		DEQ ID #: 7S00008	
Address: 113 Ondine Lane							
City: Slidell				State: LA		Zip: 70456	
Contact: Gerald Avery				Telephone: 504-646-0039			
OTHER OPERATOR:				DEQ Project Designer #:			
Address:							
City:				State:		Zip:	
Contact:				Telephone:			
III. TYPE OF OPERATION		(CIRCLE ONE)		Demo		Ordered Demo Renovation Emergency Reno	
IV. IS ASBESTOS PRESENT?		(CIRCLE ONE)		YES		NO	
Inspection Date: Jan. - Apr. 1996				Inspector's Name: Debra Bendily (LDEQ)			
Inspector's Accreditation #: 6I0685				V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#587)				Fire Marshall Project #:			
Street Address: (b) (6)							
City: Gretna		State: LA		Zip: 70053		Parish: Jefferson	
Site Location: On side of house				Telephone: NA			
Building Size: NA		# of Floors: NA		Age in Years: NA			
Present Use: NA				Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116							
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:		RACM to be Removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
1. Regulated ACM to be removed							
2. Category I ACM not removed							
3. Category II ACM not removed							
				Cat I Cat II		UNIT	
Pipes						Ln Ft: Ln m:	
Surface Area						Sq Ft: Sq m:	
Vol RACM off Facility Component						Cu Ft: Cu yds: 6	
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)				Start: 11/1/96		Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)				Start: 11/1/96		Complete: 12/21/96	

005152

05-0587-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	" Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane		" 685 Bridge City Avenue	
City: Slidell	" Bridge City	State: LA	Zip: 70458 " 70094
		Telephone#: (504)646-0039 #3(504)436-7771	

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)			
Location: 5800 Avondale 90 West			
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.
Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

(Signature of Owner/Operator/Contractor) 10-12-96

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

(Signature of Owner/Operator/Contractor) 10-12-96

PURSUANT TO R.S.40:1574 A & B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005153

05-0587-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98
SITE #: 587

ADDRESS: (b) (6)
Caretta

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

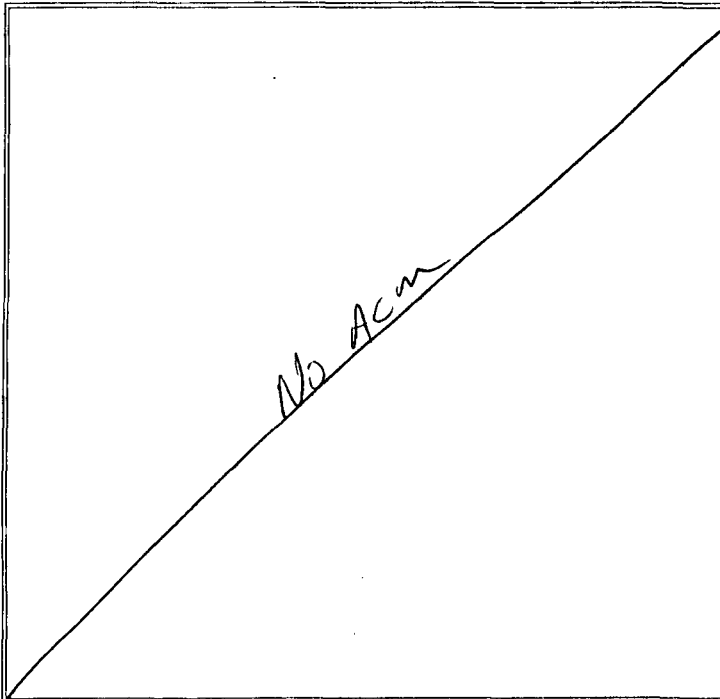
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	_____

TEAM MEMBERS: MTL/PLL

05-0587-540

005154

FIELD DATA SHEET 1

Site Information: ~~our PRAYER~~

Occupant: <u>Our Covenant Pentecostal Church</u>	Interviewee:
Address: <u>1615 O'Conner St, Gretna, La, 70053</u>	
Phone No.: <u>N/A 504-263-2678, 504-362-7074 — Disconnected.</u>	
Owner Name, Address, and Phone No. if Different Than Occupant:	
<u>St. Paul Spiritual Church Org. of God</u> (b) (6)	<u>Finnie Williamson</u> (b) (6) — DISCONNECTED
Contact: <u>Fanny Williamson</u> (b) (6)	<u>home Jacqueline Adams</u> (b) (6)

Site Description:

1) Description of property (circle): single home; duplex; business; school; daycare; <u>church</u> ; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____
<p>Site Sketch: <u>N/A</u> <u>OUR</u> <u>Covenant Pentecostal church</u> → N</p>

Estimated Volume of ACM: _____

Comments:

Date/Time of Interview:

Access Granted (circle) yes; no

Team Members:

005155

05-0588-510

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: FANNY WILLIAMS, Overseer
Property Address: 1615 O'CONNOR
State/Zip: GRETN A / 70053 Phone Number(s) ~~504-362-7074 - disconnected~~
504-263-2678

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water, and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination.
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12/15/97
DATE

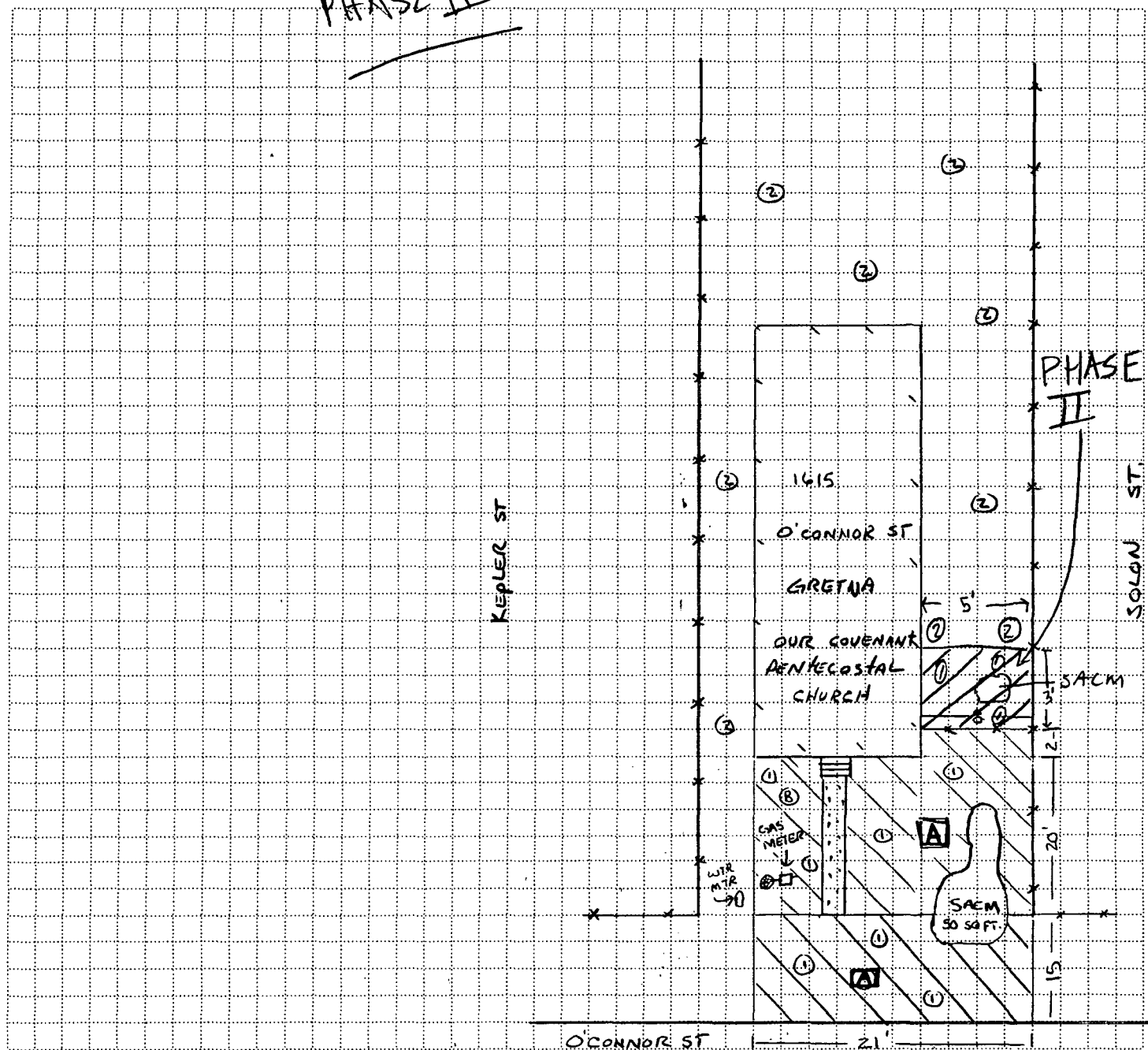
Fanny T. Williams
SIGNATURE

05-0588-520

005156

TRACKING # 588

SITE SKETCH

ADDRESS: 1615 O'CONNOR ST GRETNUPDATED: 1/1PHASE II

NOTES:

N (NTS)
ZS

RESTORATION: A: LIMESTONE
B:
C:

ARRIVAL:
DEPARTURE:

#	COVER	THICKNESS
①	1'-3" GRASS	1'-4" ACM
②	6" GRASS	
PHASE II		
①	1" GRASS	1-4" ACM
②	6" GRASS	

05-0588-530

RESTORATION APPROVED BY: DLW 1/5/98 FANNIE WILLIAMSON DATE: 1/12/98TEAM: MD, PMDATE: 12/1/97 TO IT 1/13/98

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 588

ADDRESS: 1615 O'Connor St.
GR, LA

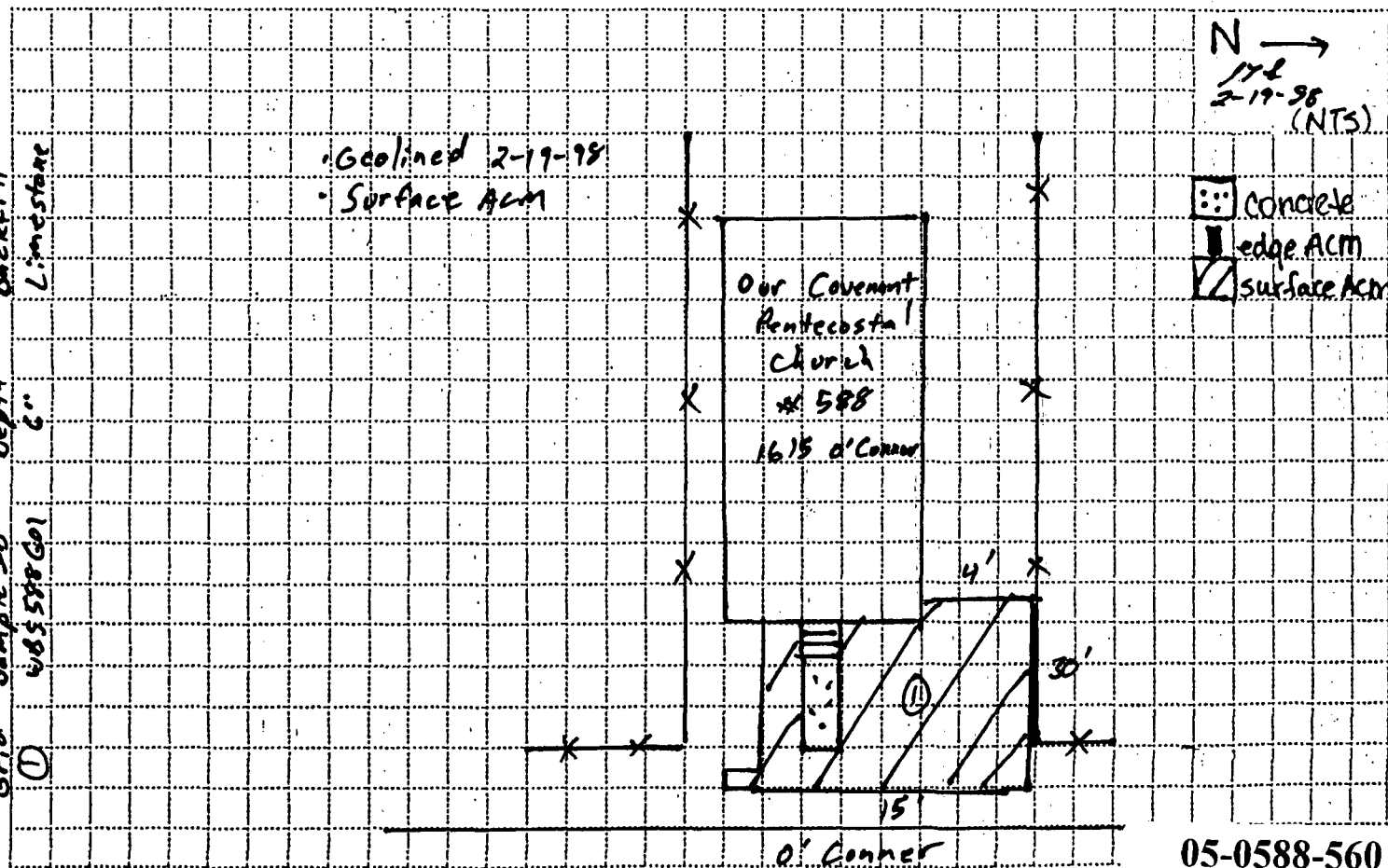
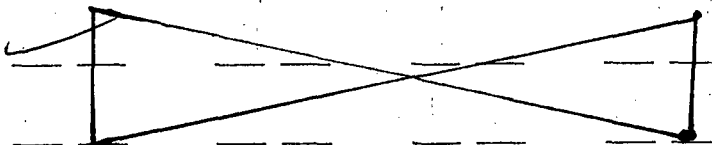
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 2/25/98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE

005158 Gregory R. Ray

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

PH 2

SITE# 588

ADDRESS: 1615 O'Connor St. Gr.

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no analytical 11/23/98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

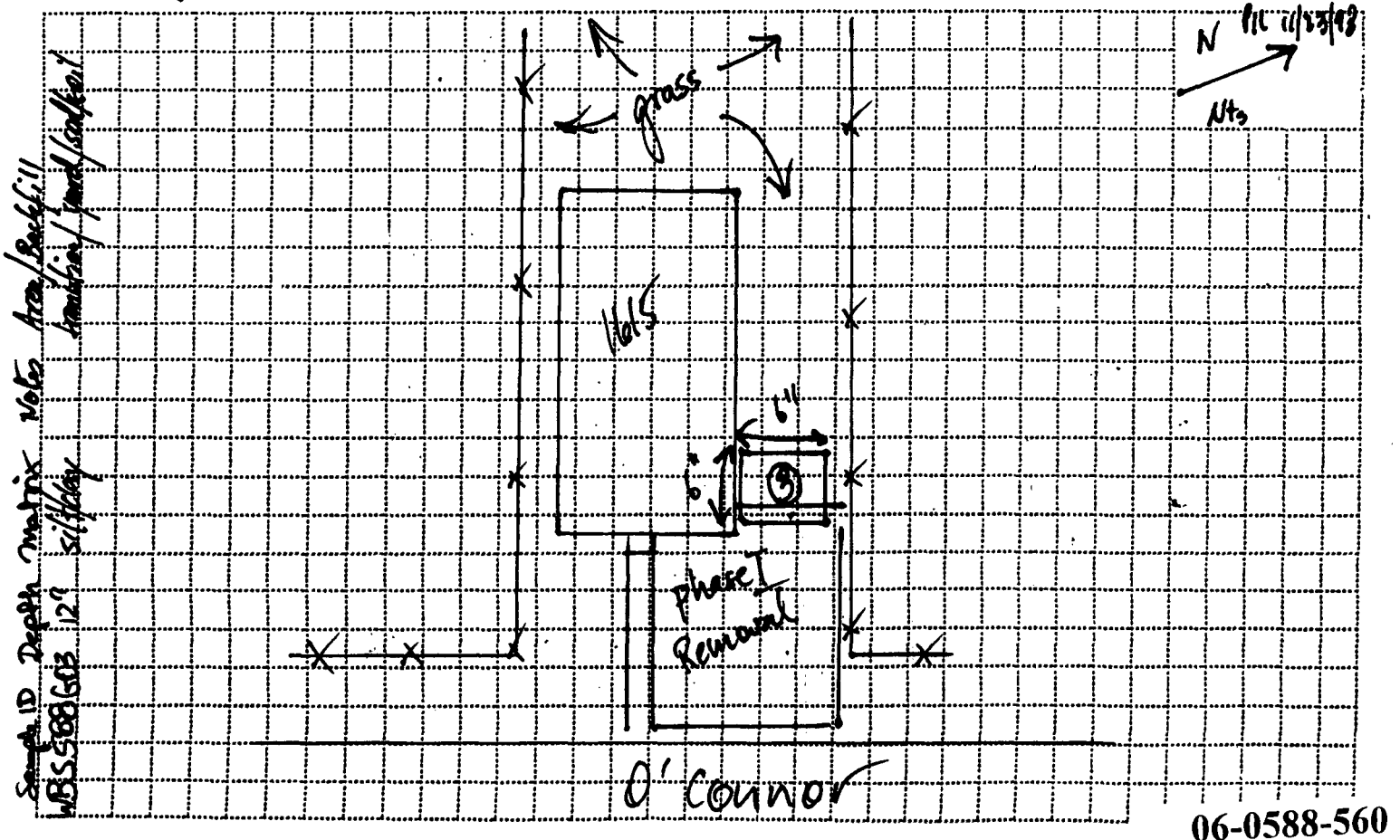
GRID #:

1	2	3	4	5	6	7	8
+	+	✓	+	—	—	—	—
+	+	—	—	—	—	—	—

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:

geotined 11/23/98



AUTHORIZED EPA/START REPRESENTATIVE

005159

Paul Lynn 11/23/98

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Jody Shires
Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Tuesday, February 24, 1998

Ref Number: IN98502

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS1644G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			78% Quartz 20% Other
WBS588G01	1615 O'Conner St, GR	Brown Non-Fibrous Homogeneous	Crushed	1% Chrysotile 1% Crocidolite			78% Quartz 20% Other
WBS1740G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected			80% Quartz 20% Other
WBS1740G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected			80% Quartz 20% Other
WBS1676G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected			80% Quartz 20% Other
WBS1676G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Note: SAMPLES WITH ** HAVE NO MASTIC

Margaret S. Phillips
Margaret Phillips
Analyst

Handwritten Signature
Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus results be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the results may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188 0).

05-0588-570

005160

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone: (713) 686-3635 Fax: (713) 686-3645

EMSL

Attn.: Amanda Loone
Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Thursday, December 03, 1998

Ref Number: TX985404

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601-WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS62025G01	(b) (6)	Brown Fibrous Homogeneous	Teased	3% Chrysotile 2% Amosite			95% Other
WBS588G02	1815 O'CONNOR ST., GR.	Brown Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS726G01	(b) (6)	Brown Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS726G02	(b) (6)	Brown Fibrous Homogeneous	Teased	5% Chrysotile 3% Amosite			92% Other
WBS1816G01	(b) (6)	Brown Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS1014G01	(b) (6)	Brown Fibrous Homogeneous	Teased	2% Chrysotile			98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Arthur Hernandez, Jr.
Analyst

005161

Approved
Signatory

05-0588-570

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. This report is guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layers.

Analyse performed by EMSL, Houston (NVLAP) at 11100 South Loop West, Suite 100, Houston, TX 77054

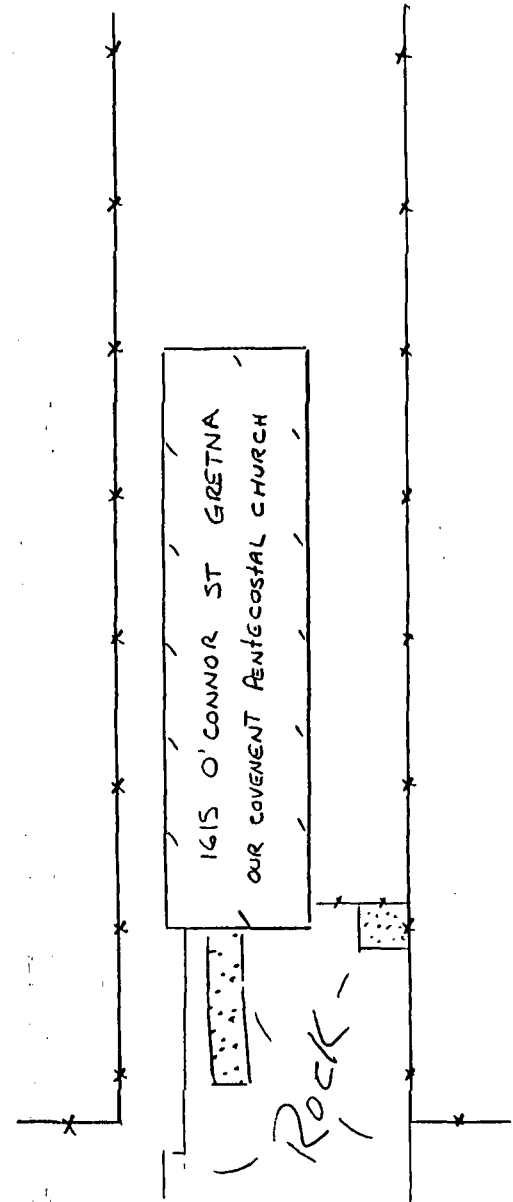


INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 2-20-98 Subject RESTORATION SITE # 588 Sheet No. _____ of _____

Chkd. By _____ Date _____ Proj. No. _____



05-0588-590

005162

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 588

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					48. ⁰⁰		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					15. ⁰⁰		
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

05-0588-590

005163

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/31/98
SITE #: 588

ADDRESS: 1615 O'Conner St, GA

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED ☒ yard

APPR. CRAWL SPACE HEIGHT:

12'

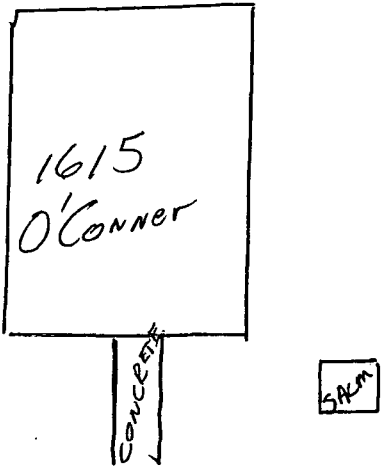
DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☒ SLAB

PERCENT OF AREA (ACM)

2%

SKETCH OR COMMENTS:

 <p>1615 O'Conner</p> <p>CONCRETE</p> <p>SALM</p> <p>O'Conner St</p>	<p>vegetation</p>
---	-------------------

TEAM MEMBERS:

DA/ML

05-0588-540

005164

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Gretna, LA, 70053</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; <u>gate</u> ; dogs; other <u>unlocked</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:

Estimated Volume of ACM: _____

Comments: Dirt/grassDate/Time of Interview: 10/11 15:30Access Granted (circle): yes; noTeam Members: Codrell / Johnson / Starling

05-0589-510

005165

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6) Gretna
State/Zip: LA, 70053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10 11 96
DATE

(b) (6)
SIGNATURE

05-0589-520

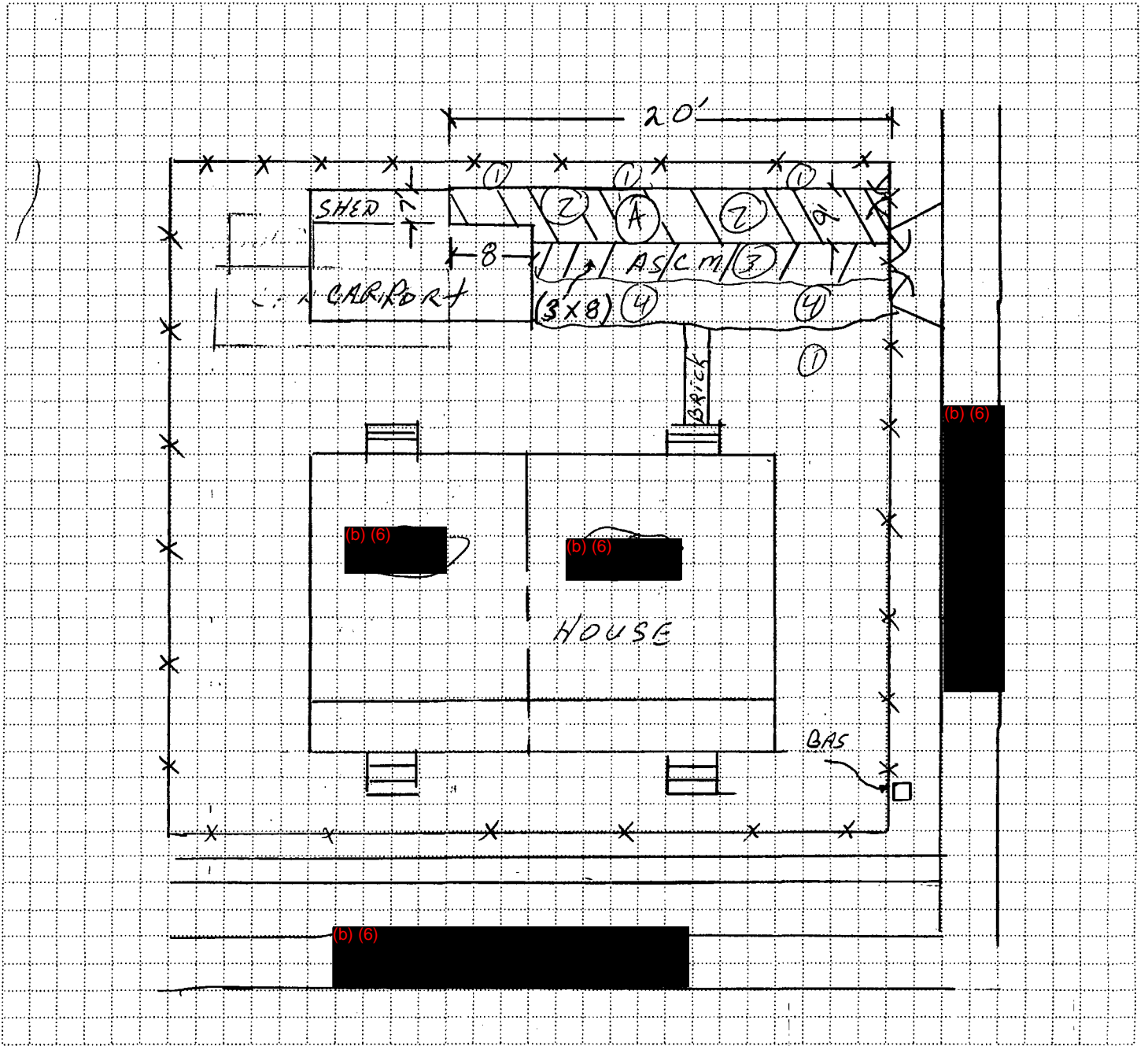
005166

TRACKING # 589

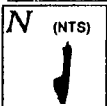
SITE SKETCH

ADDRESS: (b) (6) GRETNA

UPDATED: 06/23/97



NOTES:



RESTORATION: A: soil/sod
B:
C:

ARRIVAL: 12:15
DEPARTURE: 1:32

RESTORATION APPROVED BY:

TEAM: T-T/S-J/mw

#	COVER	THICKNESS
1	6" soil/sod	—
2	2" soil/sod	3" ACM
3	—	4" ACM
4	6" asphalt/dirt	—

05-0589-530

(b) (6)

DATE: 6/23/97

DATE: 6/23/97 6/25
005167

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 589

ADDRESS: (b) (6)
Gretna, La

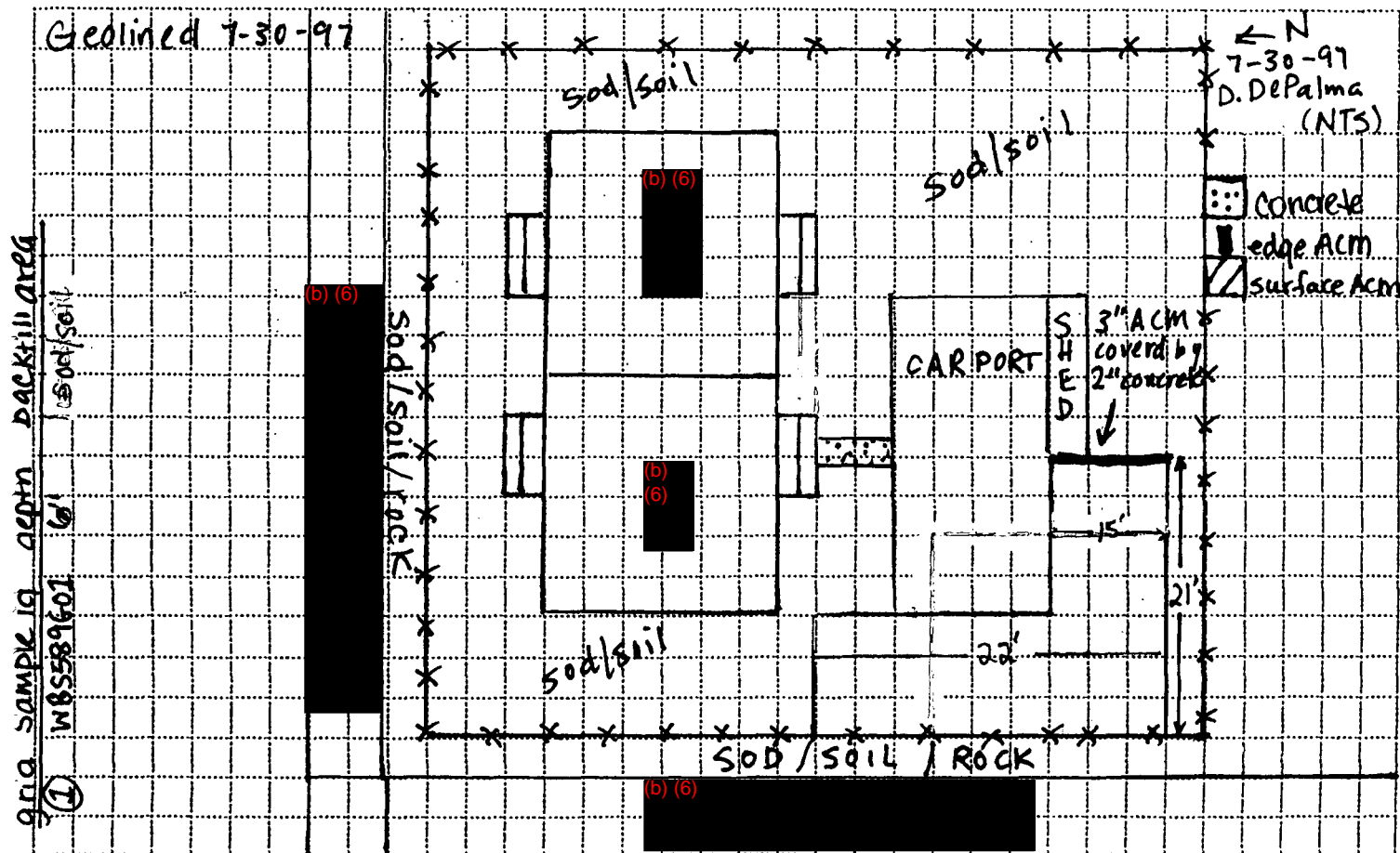
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no analytical as of 7-30-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒

B. FURTHER ACTION NECESSARY: ☐



AUTHORIZED EPA/START REPRESENTATIVE 5168 July 7, 1997

05-0589-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
 Indianapolis, Indiana 46250
 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Deena DePalma
 Ecology & Environmental
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Friday, August 01, 1997

Ref Number: IN97668

POLARIZED LIGHT MICROSCOPY (PLM)

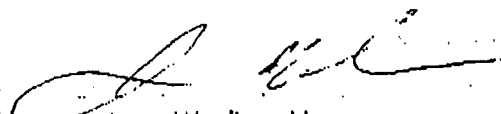
Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS965G03	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other
WBS589G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other
WBS602G01		Brown/Grey Fibrous Heterogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other
WBS141G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected			40% Quartz 60% Other
WBS141G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected			40% Quartz 60% Other
WBS141G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method


 Jane Wasilewski
 Analyst


 Approved
 Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200186-0).



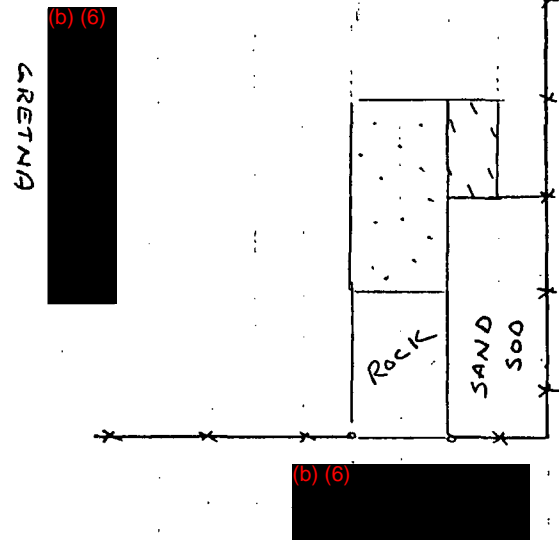
INTERNATIONAL
TECHNOLOGY
CORPORATION



By DM Date 7-31-97 Subject RESTORATION SITE # 589 Sheet No. of
Chkd. By Date Proj. No.

REVISED 8-11-97

AS PER USACE J.M.



151600
05170

05-0589-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 589

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					15. ⁰⁰		
Gravel Installation (sq.yds.)					27. ⁰⁰		
4" Concrete Installation (sq. yds.)							
6" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					27. ⁰⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					5. ⁰⁰		
Sand (cu.yds.)					7. ⁰⁰		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

005171

05-0589-590



INTERNATIONAL
TECHNOLOGY
CORPORATION



By DM Date 7-31-97 Subject RESTORATION SITE # 589 Sheet No. _____ of _____

Chkd. By _____ Date _____ Proj. No. _____



05-0589-590

005172

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 589

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
3od Installation (sq.yds.)					42.50		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					42.50		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					12.00		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____
 SUB 1 SIGNATURE _____
 SUB 2 SIGNATURE _____

005173

05-0589-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

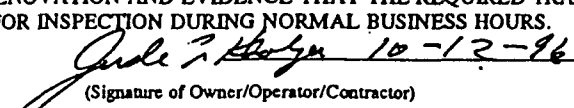
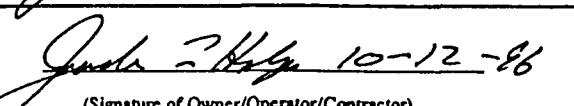
FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL	REVISED CANCELED
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.	La. Contractor's License #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane			
City: Slidell	State: LA	Zip: 70456	
Contact: Gerald Avery	Telephone: 504-646-0039		
OTHER OPERATOR:	DEQ Project Designer #:		
Address:			
City:	State:	Zip:	
Contact:	Telephone:		
III. TYPE OF OPERATION (CIRCLE ONE)		Demo Ordered Demo Renovation Emergency Reno	
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		YES NO	
Inspector's Name: Debra Bendily (LDEQ)		Inspection Date: Jan. - Apr. 1996	
Inspector's Accreditation #: 610685			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#589)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: In back of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I Cat II	UNIT
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 1
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 4/7/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 4/7/96	Complete: 12/21/96

005174

05-0589-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED: Excavation of residential properties utilizing standard construction techniques.			
XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE: Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.			
XII. WASTE TRANSPORTER #1			
Name: Quality Contractors " Vaughan Contractors		Contact Person: Jerry Avery R.P. Vaughan	
Address: 113 Ondine Lane " 685 Bridge City Avenue			
City: Slidell " Bridge City	State: LA	Zip: 70458 " 70094	Telephone #: (504)646-0039 #3(504)436-7777
WASTE TRANSPORTER #2			
Name: B & S Equipment Co., Inc.		Contact Person: Billy Ryals	
Address: 1713 Winchester Place			
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091
XIII. WASTE DISPOSAL SITE:			
Name: Jefferson Parish Landfill (Kelvin Landfill)			
Location: 5800 Avondale 90 West			
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:			
Name:		Title:	Authority:
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD/YY)	
XV. FOR EMERGENCY RENOVATIONS			
Date and hour of emergency (MM/DD/YY):			
Description of the Sudden, Unexpected Event:			
Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):			
XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER. Crew will use wet methods to control any visible emissions.			
XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS. <div style="text-align: right;">  (Signature of Owner/Operator/Contractor) </div>			
XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT. <div style="text-align: right;">  (Signature of Owner/Operator/Contractor) </div>			

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005175

05-0589-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

9/1/98

ADDRESS:

(b) (6)

SITE #:

589

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

12'

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<p><i>no ACM</i></p> <p><i>Removal</i></p>	

TEAM MEMBERS:

DA/ML

005176

05-0589-540

FIELD DATA SHEET 1

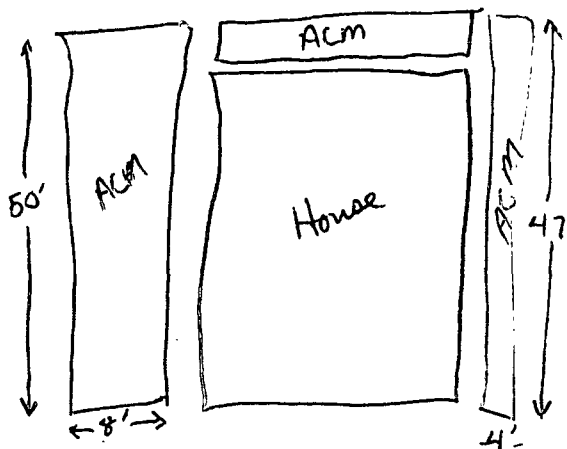
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Gretna, LA, 70053</u>	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home;</u> duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>fence</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no;</u> water; gas; electric; cable TV; septic tank; other <u>water line on top</u> Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: Prefers topsoil/sod
be careful around foundation of houseDate/Time of Interview: 10/19/96 0935Access Granted (circle): yes; noTeam Members: Atwood

005177

05-0590-510

(b) (6)

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: Gretna

Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96

DATE

SIGNATURE (b) (6)

(For the Estate)

005178

05-0590-520

Site # 590

Site sketch

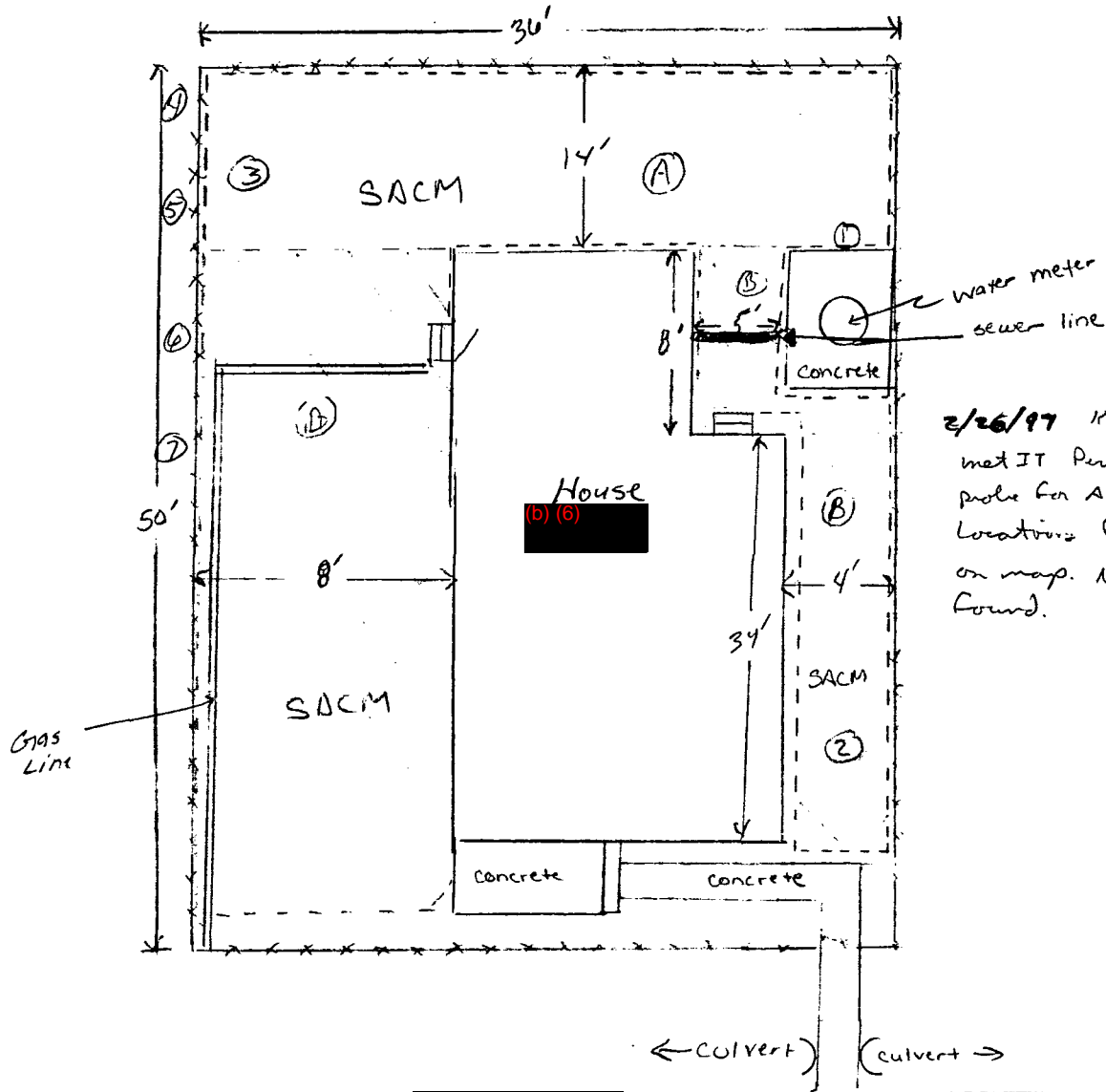
(b) (6)

* Revised 2/13/97

N
NTS

3/12/97 - USACE White handled homeowner on restoration

Restoration Approved by: _____
property owner



2/26/97 KS/KS/KR
met IT Perone to
probe for ACM at
Locations ①, ②, ③, ④,
on map. No ACM
found.

SACM = Surface ACM #	cover	depth	Removal & Restoration
①	0"	3"	* Area ① - remove all visible not to exceed 1 foot, sealing soil/soil
②	0"	3"	
③	0"	3"	* Area ③ - remove to binder, sealing, concrete

Entire yard Surface ACM, - No debris on property

05-0590-530

* 2/13/97 - USACE White spoke to homeowner who wants soil/rock from back corner of the house to fence line and concrete along both sides of the house

See note (over)

005179

[Handwritten signature]
1/1/97 *[Handwritten initials]*

3/11/87 17:00 Spoke with homeowner. Restoration ok
except that she had discussed extending concrete
on south side of house back to fence line.
S. Thorsell

179/02/5

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 590

ADDRESS: (b) (6)
Gretna, LA

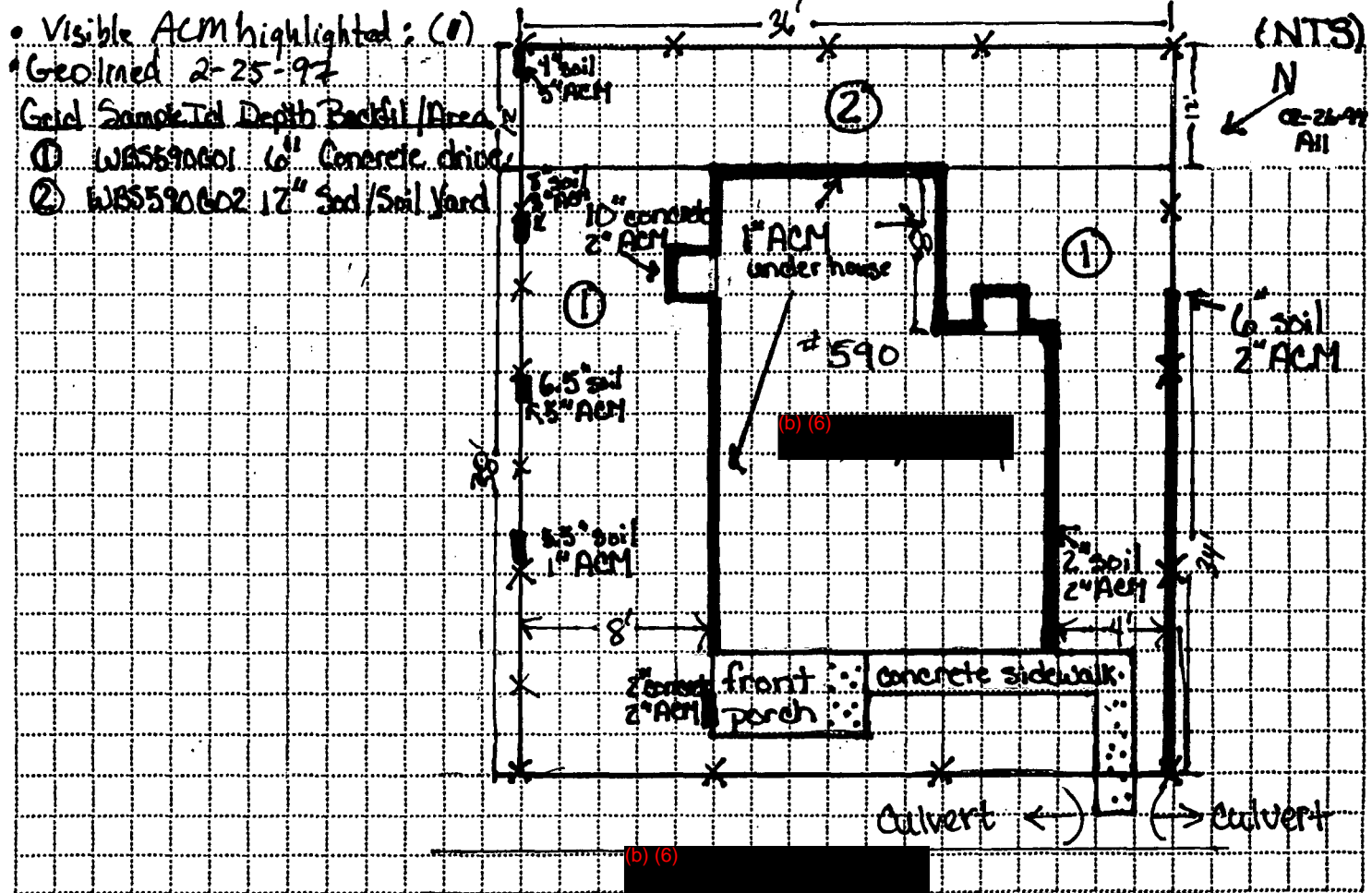
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 3-6-97.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ✓ ✓

B. FURTHER ACTION NECESSARY: — —



005180

AUTHORIZED EPA/START REPRESENTATIVE

05-0590-560

Laurence T. Reed

Westport, NJ 908-462-0900	Placenton, NJ 908-461-0900	Cape May, NJ 609-897-7001	Manhattan, NY 212-690-0032	Seattle, WA 206-225-9007	Ann Arbor, MI 313-462-0010	San Mateo, CA 415-570-5401	Myrtle, GA 804-332-0000	Broomfield, CO 303-337-1007	Adelphi, CT 713-462-3023
------------------------------	-------------------------------	------------------------------	-------------------------------	-----------------------------	-------------------------------	-------------------------------	----------------------------	--------------------------------	-----------------------------

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Thursday, February 27, 1997

Ref Number: TX97614

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020801 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS154GO4	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS154GO5		Tan Non-Fibrous Homogeneous	Teased	3% Chrysotile < 1% Crocidolite			97% Other
WBS154GO3		Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS590GO1		Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS590GO2		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

005181

05-0590-570

57M



By PM Date 2-28-97 Subject RESTORATION SITE # 590 Sheet No. of
Chkd. By Date Proj. No.

update 3-11-97
complete

(b) (6)

called

3/17/97
for additional
1 suspect al
give her.

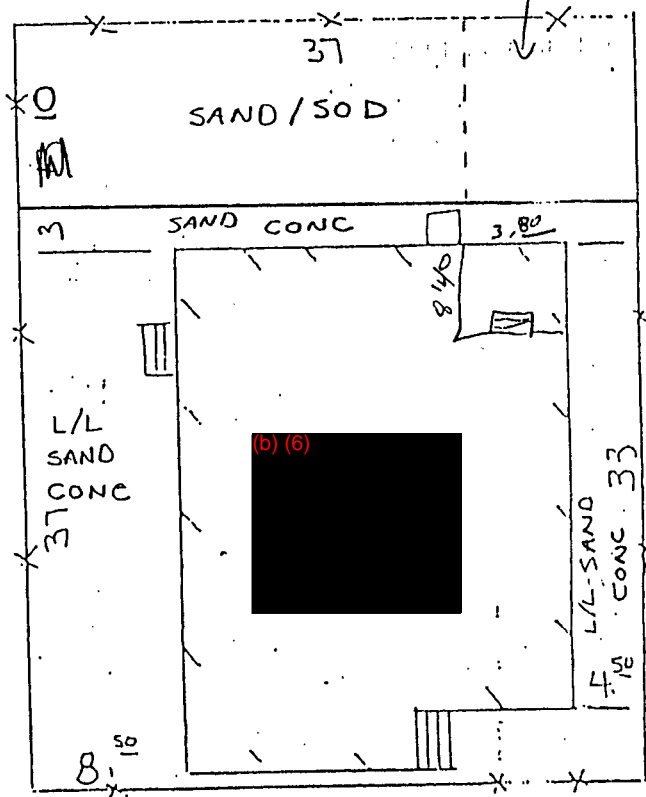
(A) $8.5 \times 37 = 314.50$

(15) $13 \times 37 = 481.$ 00

(c) $4^{50} \times 33 = 148^{50}$

TOTAL = 944. $\frac{\omega}{\omega_0}$

104. ⁸⁸50.40



CONC

GRASS

67. ⁵⁰

~~51.~~

41.

PM

3-12-97

WESTBANK ASBESTOS ABATEMENT
NEW ORLEANS, LOUISIANA

RESTORATION FORM

 SITE # 590

	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)	\$6.84/sy					
Sod Installation (sq.yds.)	\$5.15/sy			PM 52.00 41.00		
6" Concrete Installation (sq. yds.)	\$30.10/sy			67.50 PM 64.00		
4" Concrete Installation (sq. yds.)	\$26.40/sy					
Sand Installation (sq.yds.)	\$4.15/sy			53.50		
Lower Lift #1	\$1.16/sy			51.50		
Lower Lift # 2	\$1.16/sy					
Lower Lift #3	\$1.16/sy					
Rock (cu.yds.)	\$20.50/cy					
Sand (cu.yds.)	\$12.70/cy			24.00		
Concrete (cu.yds.)	N/A			8.50		
Plastic Edging (ft.)	\$1.65/ft					
Walkway Rock Inst. (sq.yds.)	\$9.12/Sy					
Topsoil (cu.yds.)	\$9.12/cy					

Site Sketch on Back of Page

 COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

05-0590-590

NOLA REPRESENTATIVE SIGNATURE _____

005183

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	#3 Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane		#3 685 Bridge City Avenue	
City: Slidell	#3 Bridge City	State: LA	Zip: 70458 #3 70094
		Telephone#: (504)646-0039 #3(504)436-7777	

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)			
Location: 5800 Avondale 90 West			
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.
Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Justin P. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Justin P. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 · BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005184

05-0590-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 2		Parish # 1340		Source #		ADVF #	
I. TYPE OF NOTIFICATION (CIRCLE ONE) ORIGINAL				REVISED		CANCELED	
II. FACILITY INFORMATION				Contact: John Martin			
OWNER NAME: U.S. EPA Region 6				Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave							
City: Dallas				State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.				La. Contractor's License #: 26445		DEQ ID #: 7S00008	
Address: 113 Ondine Lane							
City: Slidell				State: LA		Zip: 70456	
Contact: Gerald Avery				Telephone: 504-646-0039			
OTHER OPERATOR:				DEQ Project Designer #:			
Address:							
City:				State:		Zip:	
Contact:				Telephone:			
III. TYPE OF OPERATION (CIRCLE ONE) Demb				Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) YES NO				Inspection Date: Jan. - Apr. 1996			
Inspector's Name: Debra Bendily (LDEQ)				Inspector's Accreditation #: 610685			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)							
Building/Component Name: Home (#590)				Fire Marshall Project #:			
Street Address: (b) (6)							
City: Gretna		State: LA		Zip: 70053		Parish: Jefferson	
Site Location: On sides & in back of house				Telephone: NA			
Building Size: NA		# of Floors: NA		Age in Years: NA			
Present Use: NA				Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116							
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		RACM to be Removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
				Cat I	Cat II	UNIT	
Pipes						Ln Ft:	Ln m:
Surface Area						Sq Ft:	Sq m:
Vol RACM off Facility Component						Cu Ft:	Cu yds: 18
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)				Start: 11/7/96		Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)				Start: 11/7/96		Complete: 12/21/96	

005185

05-0590-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/1/98
SITE #: 590

ADDRESS: (b) (6)

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

12"

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<p><i>NO ACM</i></p> <p><i>Removal of ACM</i></p>	

TEAM MEMBERS: DA/ML

05-0590-540

005186

FIELD DATA SHEET 1

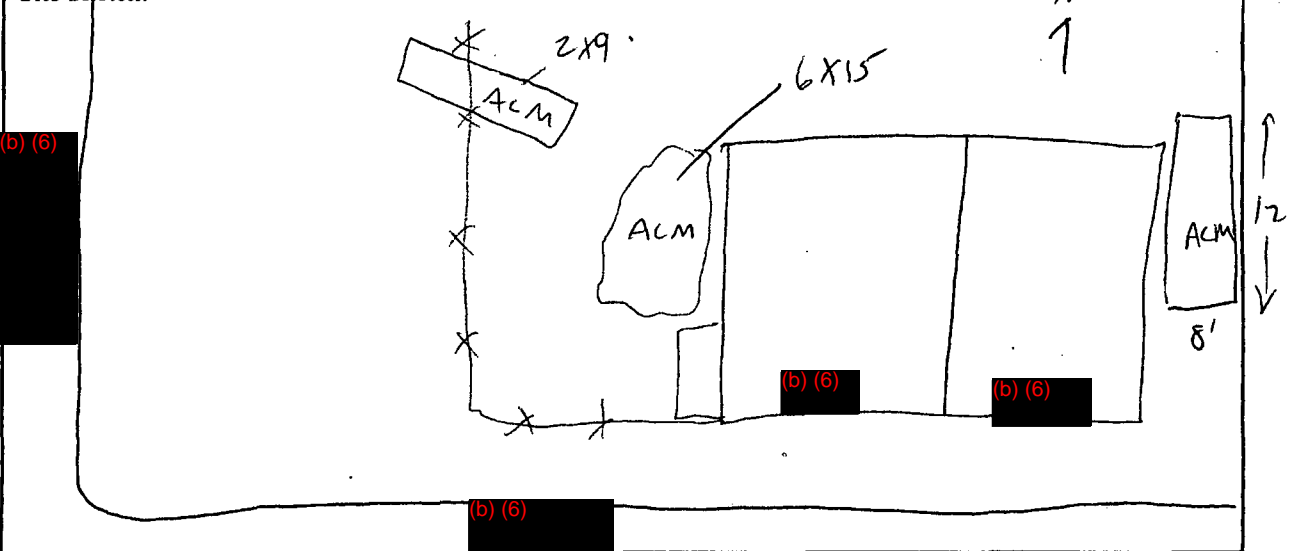
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6) <u>Gretna, LA, 70053</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) (owner)	

Site Description:

1) Description of property (circle): single home; <u>duplex</u> ; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>no gate</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; <u>no</u> ; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments:

Call & coordinateShe will call
Crushed limestone for driveway &
in front. Rest-sod. Min 10/17/96Date/Time of Interview: 10/11/96Access Granted (circle): yes; no

Team Members:

Cashill / Johnson / Sterling

05-0591-510

005187

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: La, 70053 Phone Number(s): (b) (6)

(b) (6)
(Deceased)

(b) (6)
Gretna, NC.

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/12/96

DATE

(b) (6)

SIGNATURE

Daugherty

005188

05-0591-520

#591

SITE SKETCH

(b) (6)

GRETNA

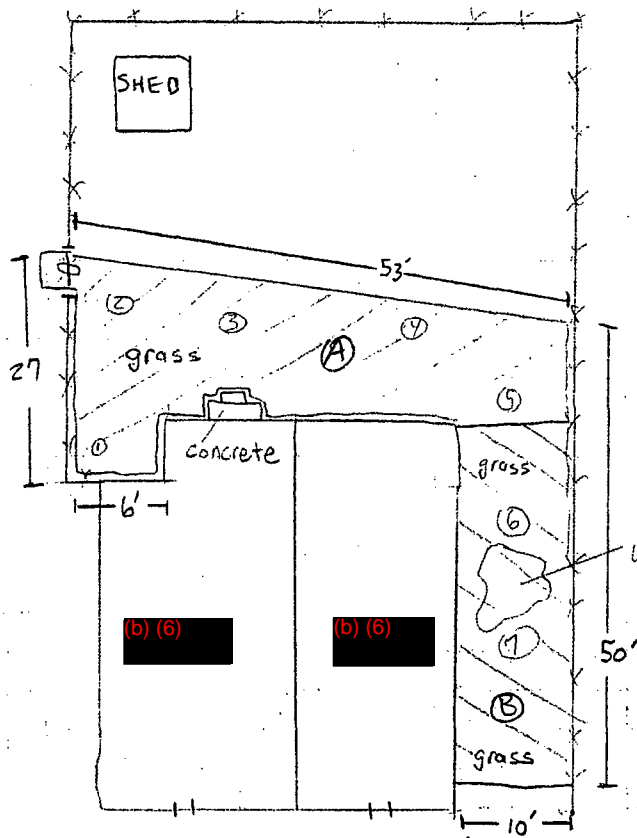


Filed to EIT
1/13/97 GSW

No. 5505
Engineer's Computation Pad



(b) (6)



#	Cover	Thickness
①	1"	2"
②	2	3"
③	1"	2"
④	2"	2"
⑤	2"	2"
⑥	2"	2"
⑦	2"	2"

WASHOUT CONCRETE

50'

10'

(b) (6)

RESTORATION

- ① SOIL/SOD YARD
- ② LIMESTONE DRIVEWAY

* Spoke to sister of owner. (resident (b) (6))
she gave approval to remove fence to
access site 590. KJ/TN/MH

1.550 hours. 2/5/97 - Spoke to resident, approved restoration of
limestone in driveway and sod in yard area. -TMD

Restoration approved by:

(b) (6)

05-0591-530

Kathy Johnson 2/4/97 TMD

05188

**WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM**

FYI:

SITE# #591


ADDRESS: (b) (6)

Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON _____.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: fw fw fw 

B. FURTHER ACTION NECESSARY: _____

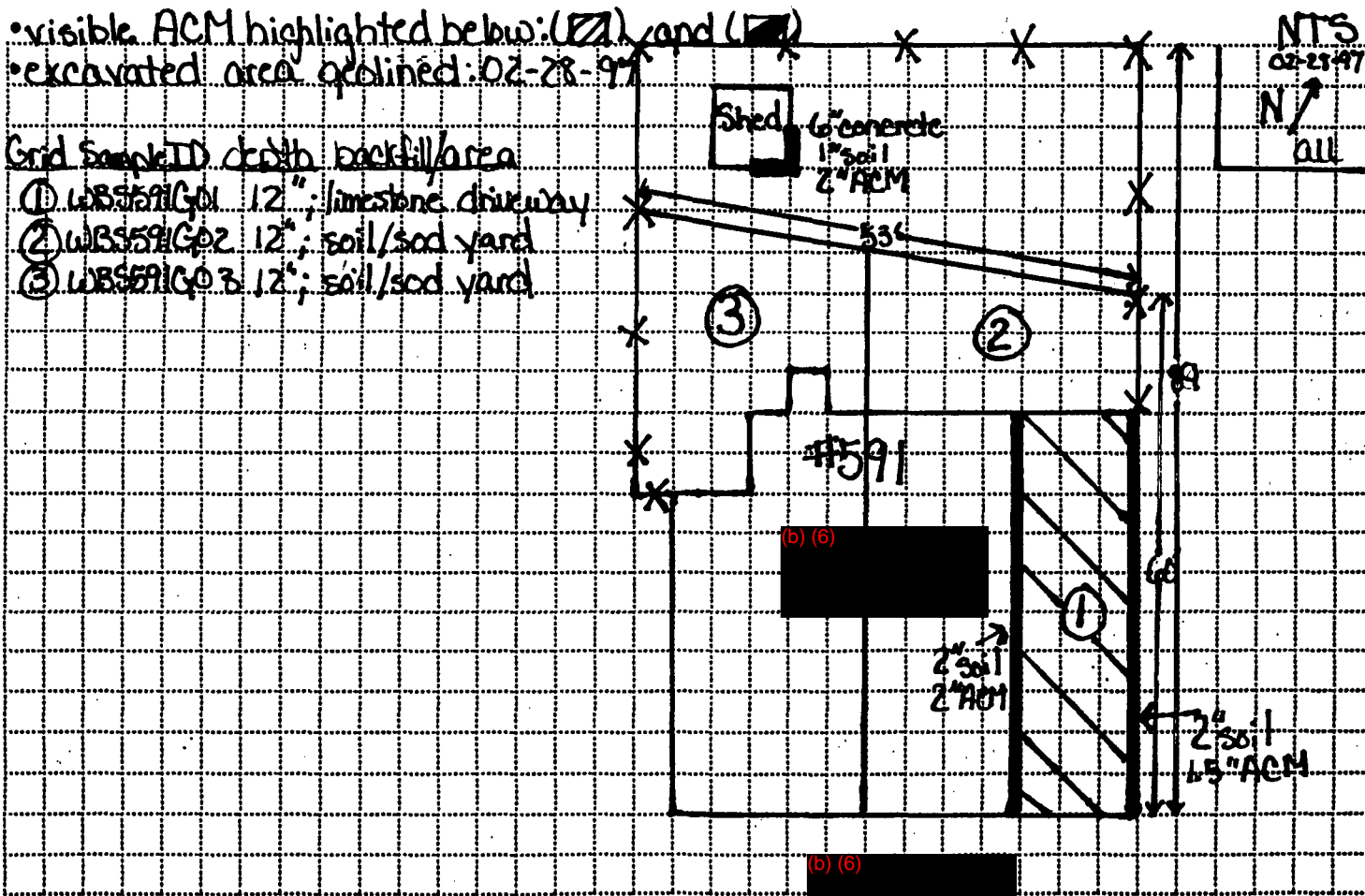
- visible ACM highlighted below: (A) and (B)
- excavated area outlined: 02-28-97

Grid Sample ID depth backfill/area

① 105591 Göl 12" limestone driveway

② WBS59/Gp2 12"; soil/sod yard

③ WBS591G03.12'; soil/sod yard



405190

AUTHORIZED EPA/START REPRESENTATIVE

05-0591-560

Westwood, NJ 800-952-4900	Placentia, NJ 908-981-8820	Carle Place, NY 516-907-7251	Newark, NY 212-230-8052	Seattle, WA 206-233-8007	Ann Arbor, MI 313-665-0810	San Mateo, CA 415-370-5451	Emory, GA 404-333-0800	Greensboro, NC 910-297-1487	Houston, TX 713-686-9835
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Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Monday, March 03, 1997

Ref Number: TX97638

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS			NONASBESTOS	
				%	TYPE	%	FIBROUS	% NONFIBROUS
WBS591G02	(b) (6)	Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS591G03		Brown Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

2

005191

05-0591-570

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	#3 Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane		#3 685 Bridge City Avenue	
City: Slidell	#3 Bridge City	State: LA	Zip: 70458 #3 70094
		Telephone #: (504)646-0039 #3(504)436-7777	

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)			
Location: 5800 Avondale 90 West			
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III.Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Jude T. Kelly 10-12-86
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Jude T. Kelly 10-12-86
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005192

05-0591-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL	REVISED CANCELED
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.	La. Contractor's License #: 26445	DEQ ID #: 7800008	
Address: 113 Ondine Lane			
City: Slidell	State: LA	Zip: 70456	
Contact: Gerald Avery	Telephone: 504-646-0039		
OTHER OPERATOR:	DEQ Project Designer #:		
Address:			
City:	State:	Zip:	
Contact:	Telephone:		
III. TYPE OF OPERATION (CIRCLE ONE)		Demo	Ordered Demo Renovation Emergency Reno
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		YES	NO
Inspection Date: Jan. - Apr. 1996		Inspector's Accreditation #: 6I0685	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#591)		Fire Marshall Project #:	
Street Address (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: ① Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I Cat II	UNIT
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 2
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)	Start: 11/7/96	Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)	Start: 11/7/96	Complete: 12/21/96	

005193

05-0591-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98
SITE #: 591

ADDRESS: (b) (6)
Gretna

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<i>No ACM</i>	_____

TEAM MEMBERS:

MTL / PLL

05-0591-540

005194

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

NOLA

SITE # 591

DATE DATE DATE DATE

EST.
QTY.

ACTUAL
QTY.

ACT.
COMP.

Rock Installation (sq.yds.)

Sod Installation (sq.yds.)

6" Concrete Installation (sq. yds.)

4" Concrete Installation (sq. yds.)

Sand Installation (sq.yds.)

Lower Lift Sand

Rock, Brown (cu.yds.)

Rock, Gray (cu.yds.)

Sand (cu.yds.)

Concrete (cu.yds.)

Plastic Edging (ft.)

Walkway Rock Inst. (sq.yds.)

Topsoil (cu.yds.)

EXTRA

8-7-97
6⁰⁰

15
JAY

8-7-97
100⁰⁰

15
JAY

Site Sketch on Back of Page

COMPLETED
8-7-97

COMMENTS: EXTRA SPREADING SAND IN BACK YARD ON THIS SITE.

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

recycled paper

SUB 2 SIGNATURE

James Howard 8-7-97

Sub 1/Howard 8/8/97

Sub 2/Howard 8/8/97

ecolog

05-0591-590

005195

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 591

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA						1697 ⁷³	<i>[Signature]</i>

Site Sketch on Back of Page

COMPLETED

COMMENTS: REPLACED BROKEN CONCRETE AS PER USAC REQUEST

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

recycled paper

SUB 2 SIGNATURE

[Signature]
[Signature] x Branch 6/9/97

ecology

05-0591-590

005196

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 591

NOLA

	RATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)	\$6.84/sy	3-21-97 70.50			70.50	70.50	<i>RM</i>
Sod Installation (sq.yds.)	\$5.15/sy	3-19-97 60	3-20-97 36		116.00	3-25-97 116	<i>RM</i>
6" Concrete Installation (sq. yds.)	\$30.10/sy						
4" Concrete Installation (sq. yds.)	\$26.40/sy	3-28-97 14.44			14.44	3-28-97 14.44	<i>RM</i>
Sand Installation (sq.yds.)	\$4.15/sy	116.00			116.00	116.00	<i>RM</i>
Lower Lift #1	\$1.16/sy	70.50			70.50	70.50	<i>RM</i>
Lower Lift #2	\$1.16/sy						
Lower Lift #3	\$1.16/sy						
Rock (cu.yds.)	\$20.50/cy	3-21-97 10.25	3-24-97 4.06		16.50	3-28-97 14.31	<i>RM</i>
Sand (cu.yds.)	\$12.70/cy	3-17-97 12	3-18-97 32	3-24-97 6	44.00	3-28-97 50	<i>RM</i>
Concrete (cu.yds.)	N/A						
Plastic Edging (ft.)	\$1.65/ft						
Walkway Rock Inst. (sq.yds.)	\$9.12/Sy						
Topsoil (cu.yds.)	\$9.12/cy						

Site Sketch on Back of Page

COMPLETED

4-3-97
4-3-97

COMMENTS:

IT REPRESENTATIVE SIGNATURE
recycled paper

NOLA REPRESENTATIVE SIGNATURE

[Signature] 4-3-97
[Signature] 3-22-97
ecology and

05-0591-590

005197



By PM Date 2-28-97 Subject RESTORATION SITE # 591 Sheet No. of

Chkd. By Date Proj. No.



EXTRA 11-12-97

05-0591-590

EMSL

Ecology & Environment, Inc.
 11550 Newcastle Ave. #250
 Baton Rouge, LA 70816

Monday, March 03, 1997

Ref Number: TX97638

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS122G08	(b) (6)	Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS122G09		Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile < 1% Crocidolite		100% Other
WBS090G02		Brown Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS090G03		Brown Fibrous Homogeneous	Teased	3%	Chrysotile		97% Other
WBS090G04		Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS591G01		Brown Fibrous Homogeneous	Teased	5% < 1%	Chrysotile Crocidolite		95% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.
 Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.
 Analyst

Approved
 Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items test only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endor nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0591-570

05198

FIELD DATA SHEET 1

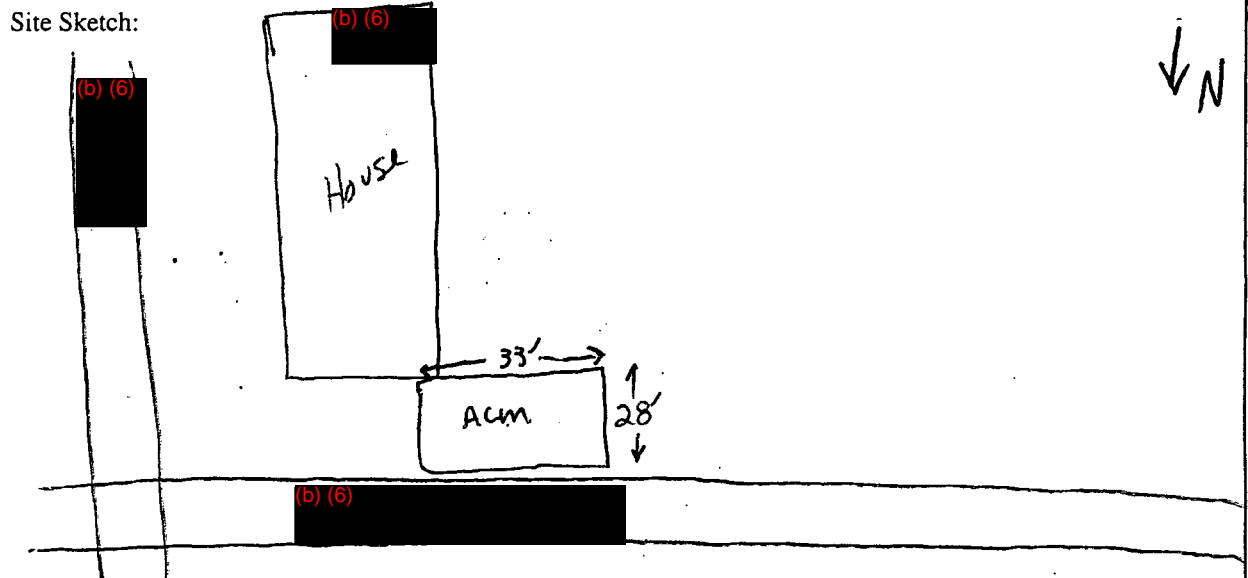
Site Information:

Occupant:	(b) (6)	Interviewee:	same
Address:	(b) (6)		Putra, LA
Phone No.:	(b) (6)		
Owner Name, Address, and Phone No. if Different Than Occupant: same as above			

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:

Estimated Volume of ACM: 924 ft³Comments: Backfill: limestoneDate/Time of Interview: 11-18/1453Access Granted (circle): yes; noTeam Members: JM/AR

$$\begin{array}{r} 2 \\ 33 \\ \underline{28} \\ 264 \\ 66 \\ \hline 924 \end{array}$$

CONSENT FOR ACCESS TO PROPERTYWESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: LA

Phone Number(s): (b) (6)

Gretta

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11-18-96

DATE

(b) (6)

SIGNATURE

05-0592-520

005200

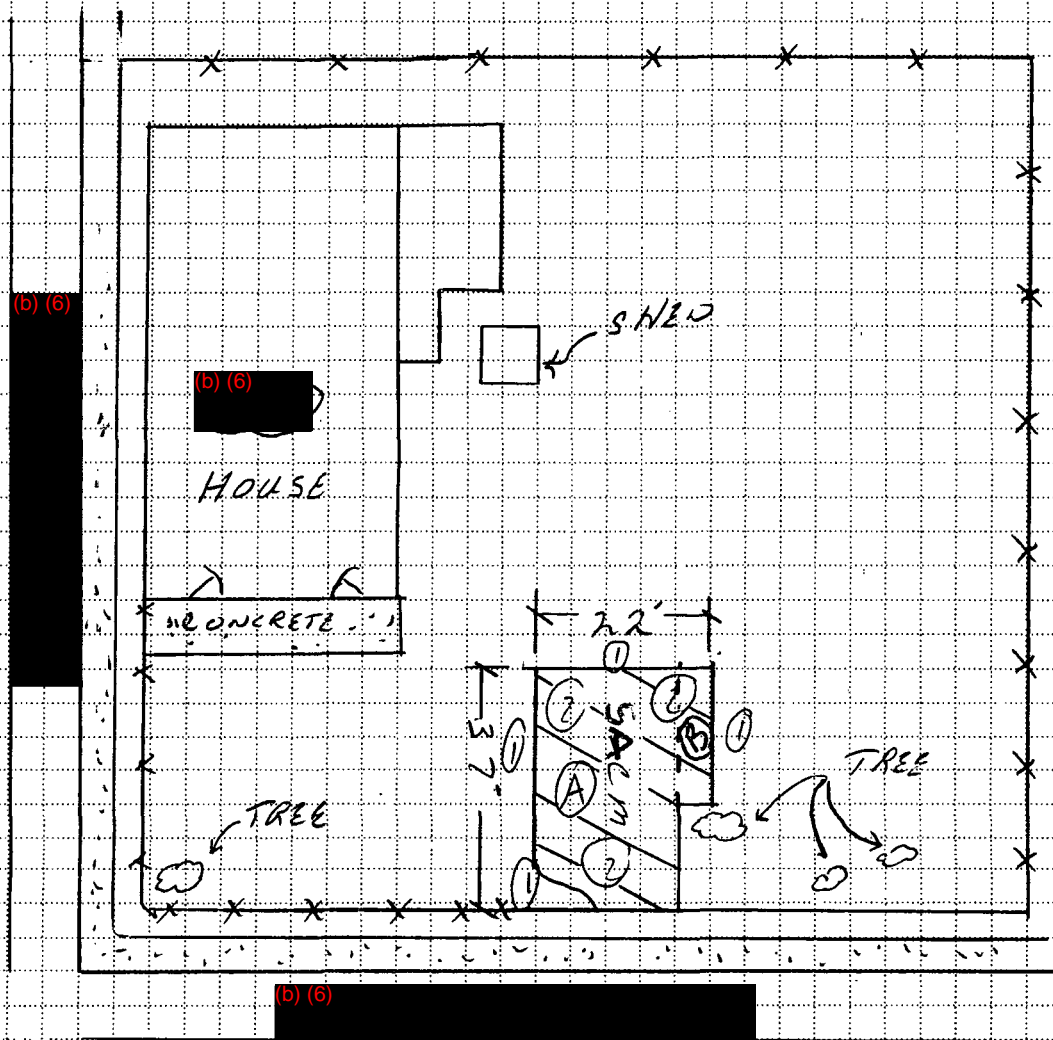
592

ADDRESS:

(b) (6)

BRETNK

UPDATED: 06/23/97



N (NTS)



RESTORATION:

A: Concrete (37' x 20')
B: Soil/SOD
C:

ARRIVAL:

1350

DEPARTURE:

1418

RESTORATION APPROVED BY:

TEAM: M.W. / S.J. / T.T.

DATE: 06/23/97

005201

#	COVER	THICKNESS
1	100	100
2	100	100
3	100	100
4	100	100
5	100	100
6	100	100
7	100	100
8	100	100
9	100	100
10	100	100
11	100	100
12	100	100
13	100	100
14	100	100
15	100	100
16	100	100
17	100	100
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89	100	100
90	100	100
91	100	100
92	100	100
93	100	100
94	100	100
95	100	100
96	100	100
97	100	100
98	100	100
99	100	100
100	100	100

1	6" soil/sod
---	-------------

2 - 4" SACM

05-0592-530

DATE: 6, 23, 97

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 592

ADDRESS: (b) (6)
Gretna

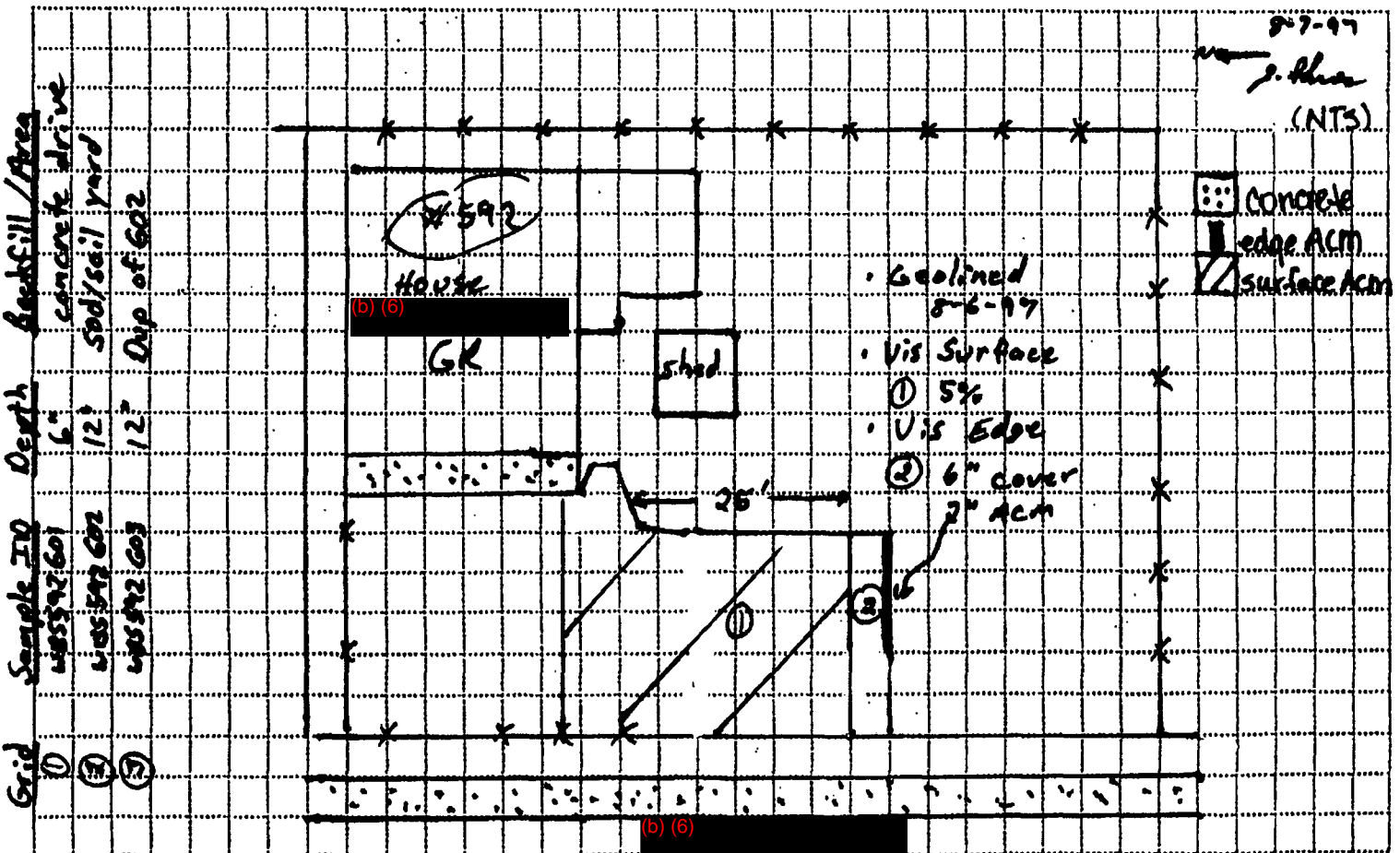
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical as of 08-07-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ✓ ✓ ✓ — — — — —

B. FURTHER ACTION NECESSARY: — — — — — — — —



05-0592-560

AUTHORIZED EPA/START REPRESENTATIVE

Alma Rilleri
005202

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Alma Rillera
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Monday, August 11, 1997

Ref Number: IN97752

POLARIZED LIGHT MICROSCOPY (PLM)


Performed by EPA 800/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS138G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			70% Quartz 30% Other
WBS132G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			70% Quartz 30% Other
WBS132G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			70% Quartz 30% Other
WBS592G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			80% Quartz 20% Other
WBS592G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS592G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method


Jane Wasilewski
Analyst


Approved
Signatory

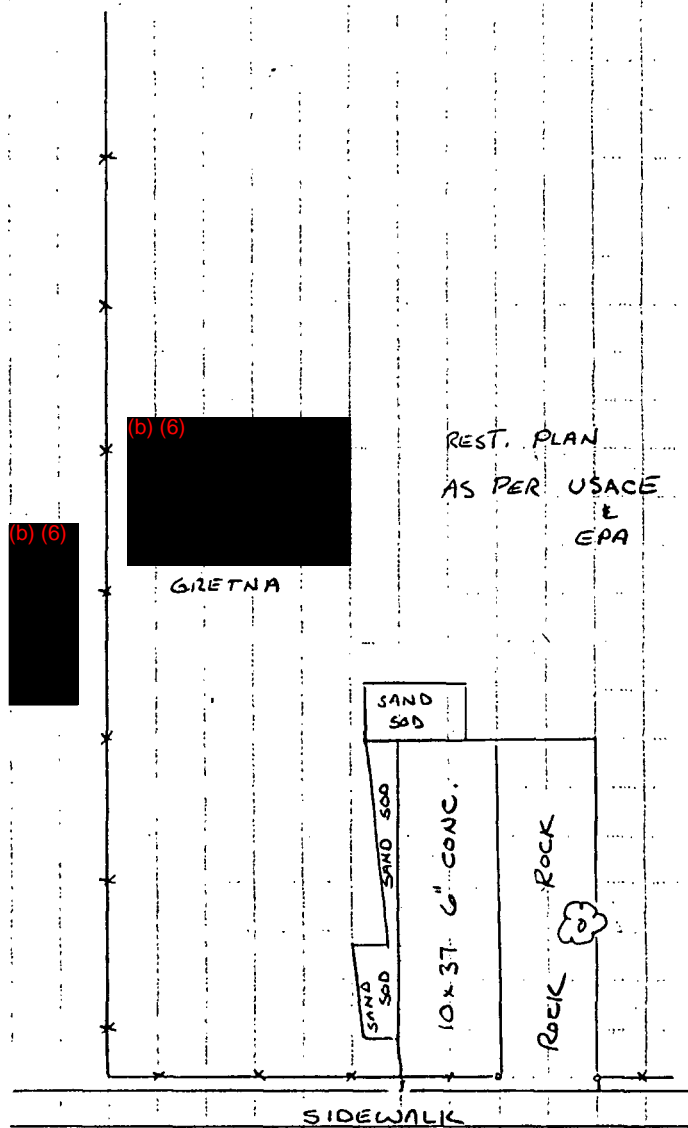
Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipees should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

2

05-0592-570

005203

By PM Date 8-7-97 Subject RESTORATION SITE # 592 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



005204

05-0592-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 592

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					41. ⁰⁰		
Gravel Installation (sq.yds.)					15. ⁵⁰		
4" Concrete Installation (sq. yds.)					41. ⁰⁰		
6" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					15. ⁵⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					16. ⁰⁰		
Sand (cu.yds.)					4. ⁰⁰		
Concrete (cu.yds.)					7. ⁰⁰		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

T REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

05-0592-590

100505

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 2	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL	REVISED CANCELED
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.	La. Contractor's License #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane			
City: Slidell	State: LA	Zip: 70456	
Contact: Gerald Avery	Telephone: 504-646-0039		
OTHER OPERATOR:	DEQ Project Designer #:		
Address:			
City:	State:	Zip:	
Contact:	Telephone:		
III. TYPE OF OPERATION (CIRCLE ONE)		Demo Ordered Demo Renovation Emergency Reno	
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		YES NO	
Inspector's Name: Debra Bendily (LDEQ)		Inspection Date: Jan. - Apr. 1996	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#592)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: In front of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I Cat II	UNIT
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 18
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/7/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/7/96	Complete: 12/21/96

005206

05-0592-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	" Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane		" 685 Bridge City Avenue	
City: Slidell	" Bridge City	State: LA	Zip: 70458 " 70094
		Telephone #: (504)646-0039. #3(504)436-7777	

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)			
Location: 5800 Avondale 90 West			
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.
Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Justin P. Holga 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Justin P. Holga 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005207

05-0592-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/1/9
SITE #: 592

ADDRESS: (b) (6)

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

6'

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<p><i>NO ACM</i> <i>General Allin</i></p>	

TEAM MEMBERS: DA/ML

005208

05-0592-540

FIELD DATA SHEET 1

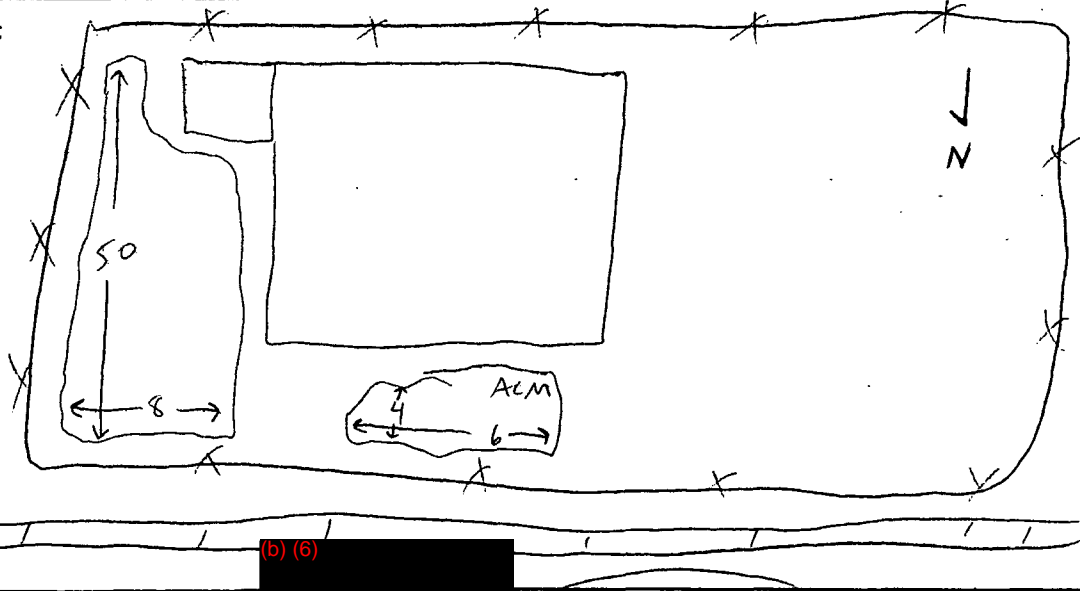
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6) <u>Bretna, LA, 70053</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): <u>locked gate</u> ; gate; <u>dogs</u> ; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM:

Comments:

limestonecall & coordinateDate/Time of Interview: 10/11 1500Access Granted (circle): yes, noTeam Members: Cochill / Johnson

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6) *Corona, CA*
State/Zip: *LA, 70053* Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/11/96

DATE

(b) (6)

SIGNATURE

05-0593-520

005210

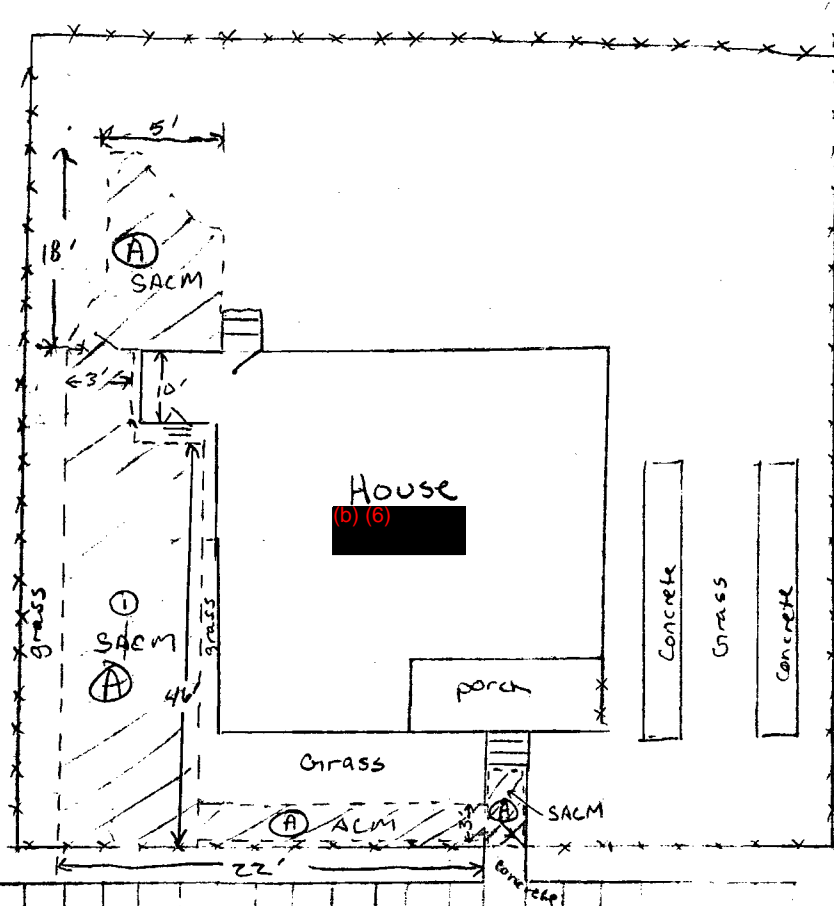
Site # 593

Site sketch

(b) (6)

, Gretna

N
↓
NTS



(b) (6)

Gretna

#	cover	depth
①	0"	5"

Note: Homeowner initials on concrete L TN
1/21/97

Kim Rhodes
1/21/97

Removal & Restoration

Area ① - Walkways, Driveway, Rear Walkway - remove linches, sealing, concrete.

Be aware that homeowner may ask to remove the transite siding off his house, this is not under our scope of action at this site.

1/21/97 Homeowner approved restoration as shown

005211

05-0593-530

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 593

ADDRESS: (b) (6)

Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO ANAL. AS OF 02-07-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

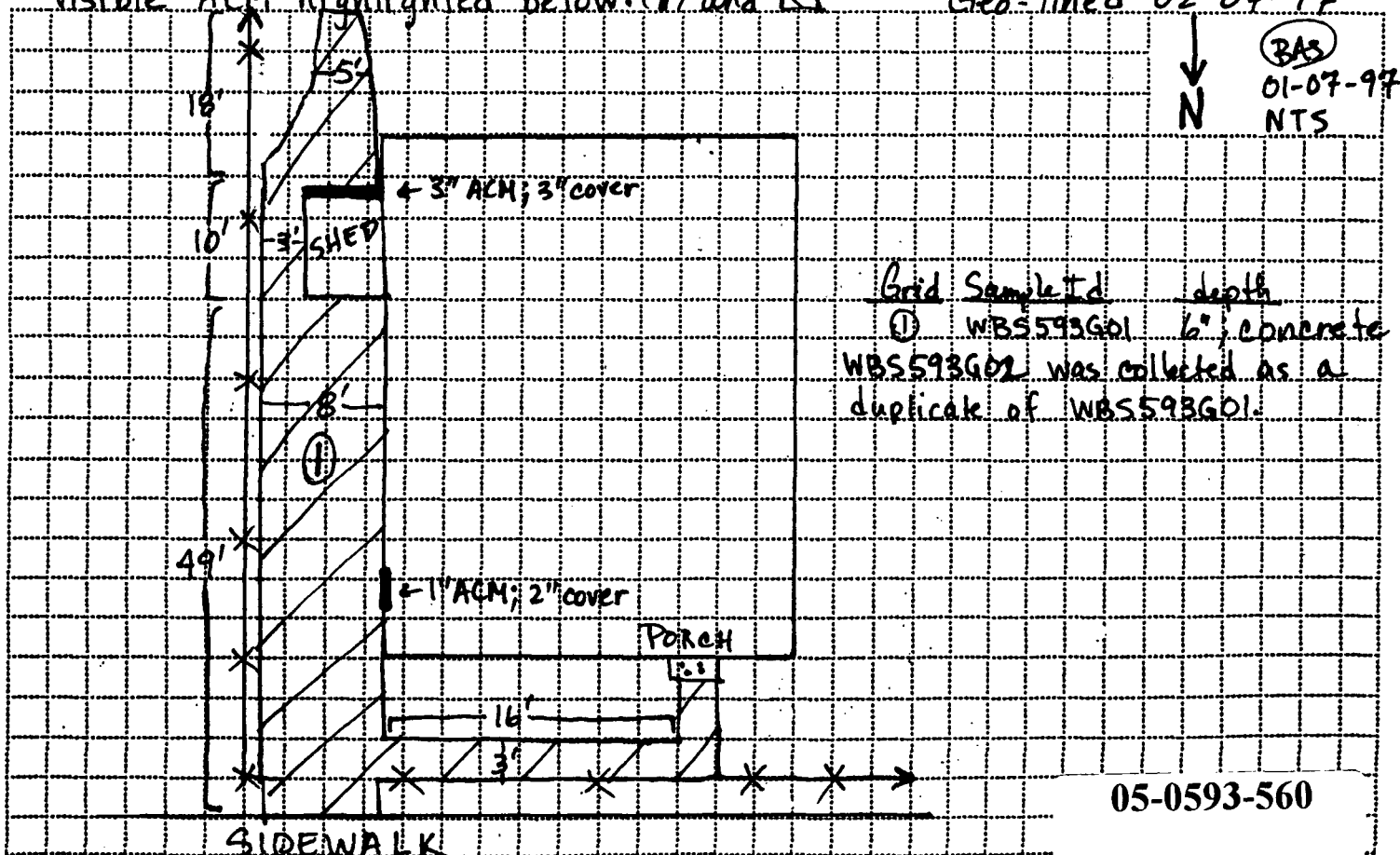
GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒

B. FURTHER ACTION NECESSARY: ☐

• Visible ACM highlighted below: (1) and ☒

• Geo-lined 02-07-97



005212

AUTHORIZED EPA/START REPRESENTATIVE

Barbara A. Storey

Westmont, NJ 908-658-4980	Piscataway, NJ 908-981-0658	Carle Place, NY 516-987-7251	Manhasset, NY 212-290-0053	Seattle, WA 206-233-9007	Ann Arbor, MI 313-963-6810	San Mateo, CA 415-670-6401	Emeryville, CA 404-333-0900	Greensboro, NC 910-297-1487	Houston, TX 713-686-9835
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EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Friday, February 14, 1997

Ref Number: TX97410

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS593G01	593	Brown Fibrous Homogeneous	Teased	3% Chrysotile < 1% Crocidolite			97% Other
WBS593G02	593	Brown Fibrous Homogeneous	Teased	3% Chrysotile 2% Crocidolite			95% Other
WBS580G01	(b) (6)	Brown Fibrous Homogeneous	Teased	30% Chrysotile 3% Crocidolite			67% Other
WBS580G02		Brown Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS580G03		Brown Fibrous Homogeneous	Teased	None Detected			100% Other
WBS580G04		Brown Fibrous Homogeneous	Teased	None Detected			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez Jr.
Analyst

005213

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0593-570

NOTIFICATION OF DEMOLITION AND RENOVATION FORM FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL	REVISED CANCELED
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas		State: TX	Zip: 75202
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell		State: LA	Zip: 70456
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:		State:	Zip:
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE)		Demo	Ordered Demo Renovation Emergency Reno
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		YES NO	Inspection Date: Jan. - Apr. 1996
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#593)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I Cat II	UNIT
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 8
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/1/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/1/96	Complete: 12/21/96

005214

05-0593-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	" Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane		" 685 Bridge City Avenue	
City: Slidell	" Bridge City	State: LA	Zip: 70458 " 70094
		Telephone #: (504) 646-0039 #3(504) 436-7777	

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)			
Location: 5800 Avondale 90 West			
City: Avondale	State: LA	Zip: 70094	Telephone: (504) 436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.
Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John P. Halpin 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John P. Halpin 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S. 40:1574 A & B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005215

05-0593-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/5/98
SITE #: 593

ADDRESS: (b) (6)
GRETN, LA

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

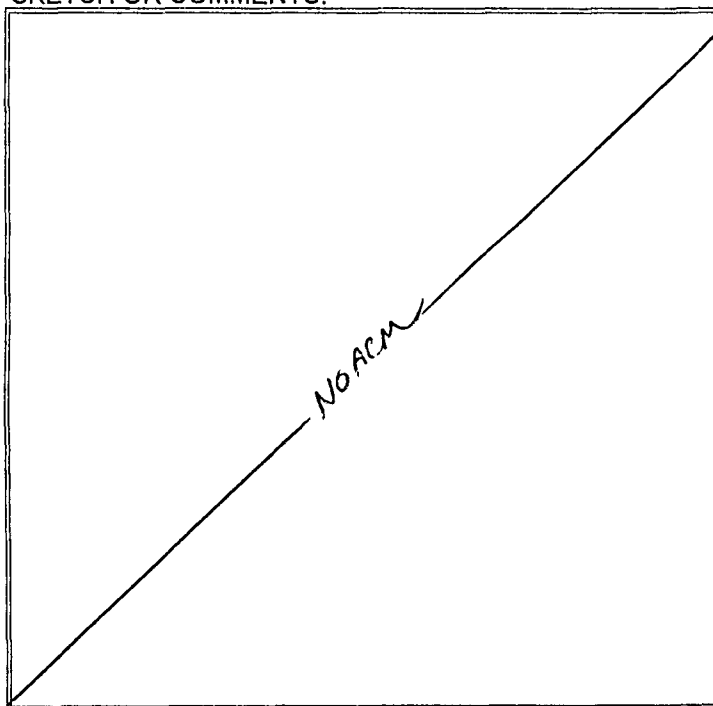
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	_____

TEAM MEMBERS: BC/PL

005216

05-0593-540

FIELD DATA SHEET 1

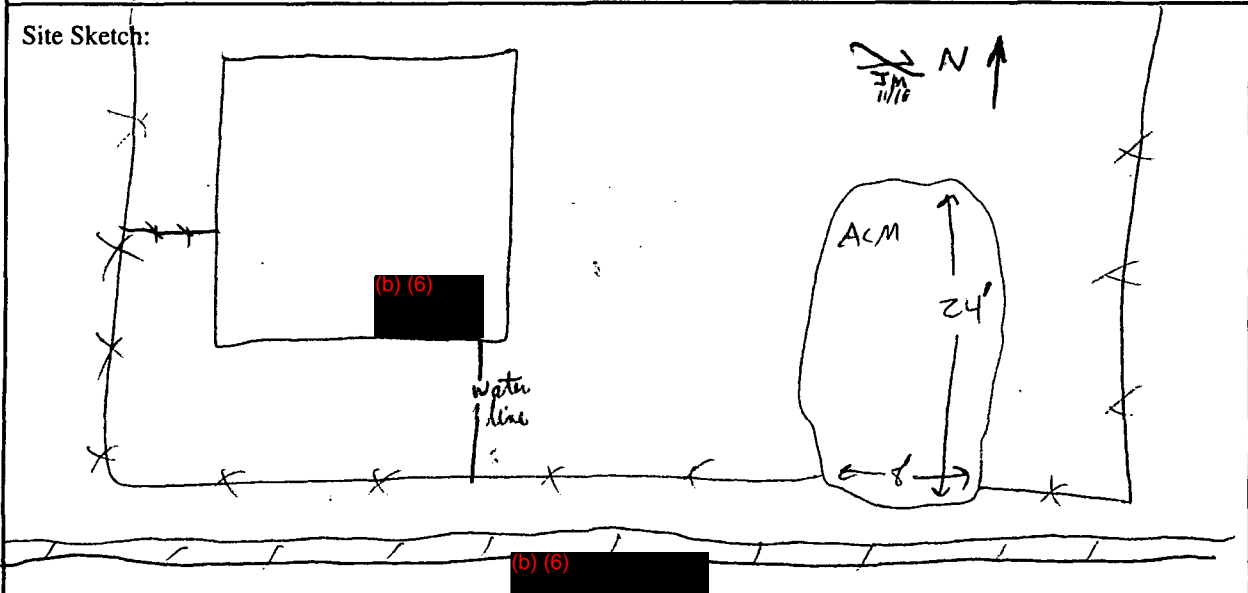
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Gretna, LA 70053</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) (deceased) <u>as above</u>	

Site Description:

1) Description of property (circle): <u>single home</u> , duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> , water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated ^{area} Volume of ACM: 192 ft³

Comments: Backfill: limestone w/ edging

Date/Time of Interview: 11-18/1626

Access Granted (circle): yes no

Team Members: JM/AR

(b) (6)



CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6) Gretna
State/Zip: LA 70053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11-18-96
DATE

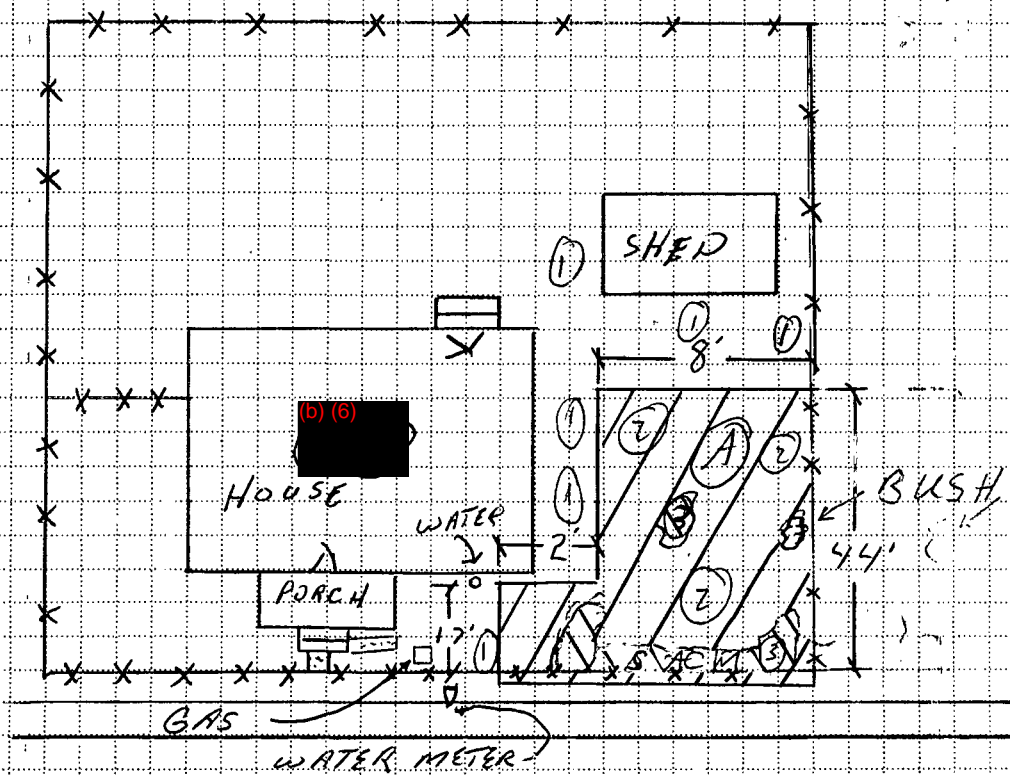
(b) (6)
SIGNATURE

TRACKING # 594

SITE SKETCH

ADDRESS: (b) (6) GRETNA

UPDATED: 06123197



Forward To IT 7/1/97 RLW

NOTES:

N (NTS)

1

RESTORATION: A: sod/soil (limestone)

B:

C:

ARRIVAL: 1440

DEPARTURE: 1505

RESTORATION APPROVED BY: (b) (6)

VIA PHONE @ 0758

05-0594-530

DATE: 7/1/97

TEAM: MW/TT/SJ

DATE: 06123197

005219

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE#

594

ADDRESS:

(b) (6)

Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical cs of 08-06-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

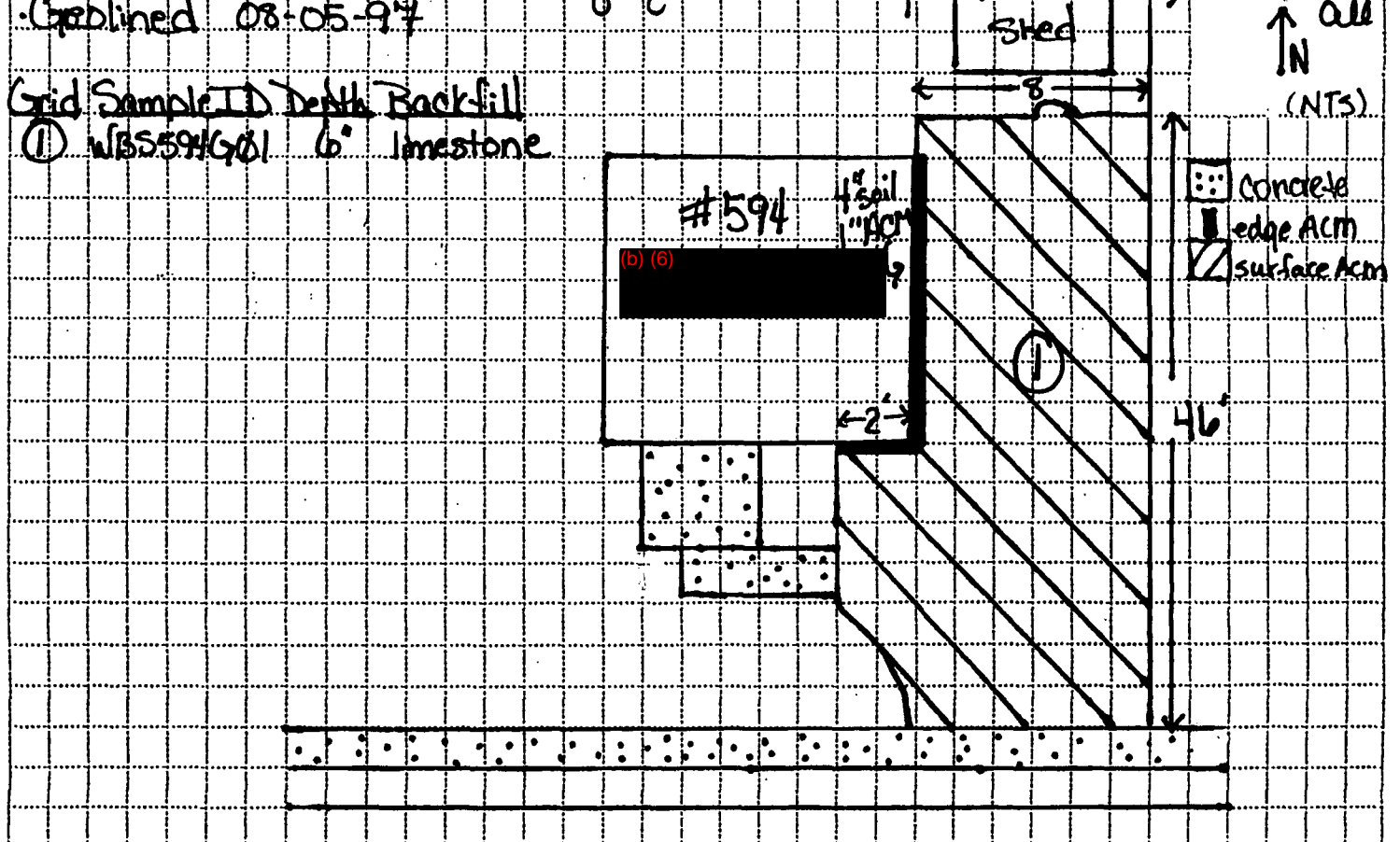
GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒

B. FURTHER ACTION NECESSARY: ☐

Visible ACM after excavation highlighted below by: (A) and (B)
Gridlined 08-05-97

Grid Sample ID Depth Backfill
① WBS594601 6" limestone



005220

05-0594-560

AUTHORIZED EPA/START REPRESENTATIVE

Abna Pullere

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Alma Rillera
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Thursday, August 07, 1997

Ref Number: IN97727

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 800/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS818G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS594G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		40% Quartz 60% Other
WBS712G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS712G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS712G03		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS700G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Note: Sample WBS1218Q01 could not be homogenized due to the nature of the sample submitted

Jane Wasilewski
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. True negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. This above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

2

005221

05-0594-570

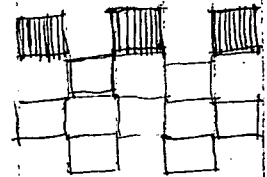
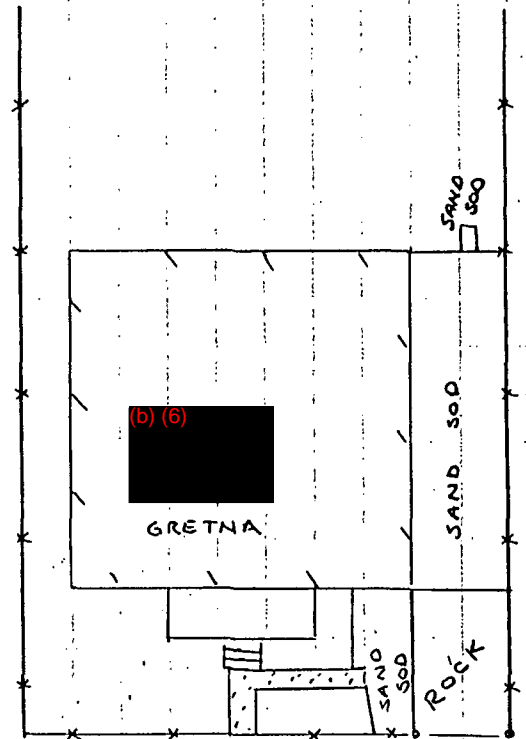


INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 8-6-97 Subject RESTORATION SITE # 594 Sheet No. _____ of _____

Chkd. By _____ Date _____ Proj. No. _____



05-0594-590

005222

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 594

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					16. ⁵⁰		
Sod Installation (sq.yds.)					51. ⁰⁰		
5" Concrete Installation (sq. yds.)							
1" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					51. ⁰⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					5. ⁰⁰		
Sand (cu.yds.)					18. ⁰⁰		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

005223
252600

05-0594-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested	1	Parish #	1340	Source #		ADVF #	
I. TYPE OF NOTIFICATION		(CIRCLE ONE)		ORIGINAL		REVISED CANCELED	
II. FACILITY INFORMATION				Contact: John Martin			
OWNER NAME: U.S. EPA Region 6				Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave							
City: Dallas				State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.				La. Contractor's License #: 26445		DEQ ID #: 7S00008	
Address: 113 Ondine Lane							
City: Slidell				State: LA		Zip: 70456	
Contact: Gerald Avery				Telephone: 504-646-0039			
OTHER OPERATOR:				DEQ Project Designer #:			
Address:							
City:				State:		Zip:	
Contact:				Telephone:			
III. TYPE OF OPERATION		(CIRCLE ONE)		Demo		Ordered Demo Renovation Emergency Reno	
IV. IS ASBESTOS PRESENT?		(CIRCLE ONE)		YES		NO	
Inspection Date: Jan. - Apr. 1996							
Inspector's Name: Debra Bendily (LDEQ)				Inspector's Accreditation #: 610685			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)							
Building/Component Name: Home (#594)				Fire Marshall Project #:			
Street Address: (b) (6)							
City: Gretna		State: LA		Zip: 70094		Parish: Jefferson	
Site Location: On side of house				Telephone: NA			
Building Size: NA		# of Floors: NA		Age in Years: NA			
Present Use: NA				Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116							
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:		RACM to be Removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
1. Regulated ACM to be removed							
2. Category I ACM not removed							
3. Category II ACM not removed							
				Cat I Cat II		UNIT	
Pipes						Ln Ft: Ln m:	
Surface Area						Sq Ft: Sq m:	
Vol RACM off Facility Component						Cu Ft: Cu yds: 4	
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)				Start: 11/1/96		Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)				Start: 11/1/96		Complete: 12/21/96	

005224

05-0594-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	^ Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane		^ 685 Bridge City Avenue	
City: Slidell	^ Bridge City	State: LA	Zip: 70458 ^ 70094
		Telephone#: (504)646-0039 #3(504)436-7777	

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)			
Location: 5800 Avondale 90 West			
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III.Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John S. Kelly 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John S. Kelly 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005225

05-0594-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/5/98
SITE #: 594

ADDRESS: (b) (6)
GRETNNA, LA

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

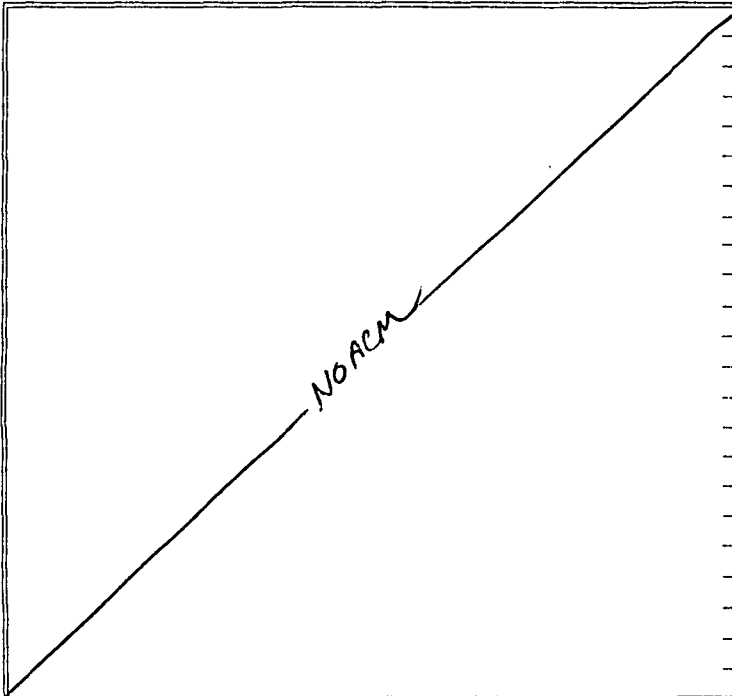
APPR. CRAWL SPACE HEIGHT: _____

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM) _____

SKETCH OR COMMENTS:

	_____

TEAM MEMBERS: _____

005226

05-0594-540

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6), <u>Gretna, LA, 70053</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home;</u> duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; <u>gate;</u> dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:

Estimated Volume of ACM: _____

Comments: Occupant will mail access agreement
Amstone to her brother in South Carolina.Date/Time of Interview: 11/15 0920Access Granted (circle): yes; noTeam Members: JM / TK

005227

05-0595-510

CONSENT FOR ACCESS TO PROPERTY

WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: Delaware

Phone Number(s): (b) (6)

70053

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10.21.96

DATE

(b) (6)

SIGNATURE

005228

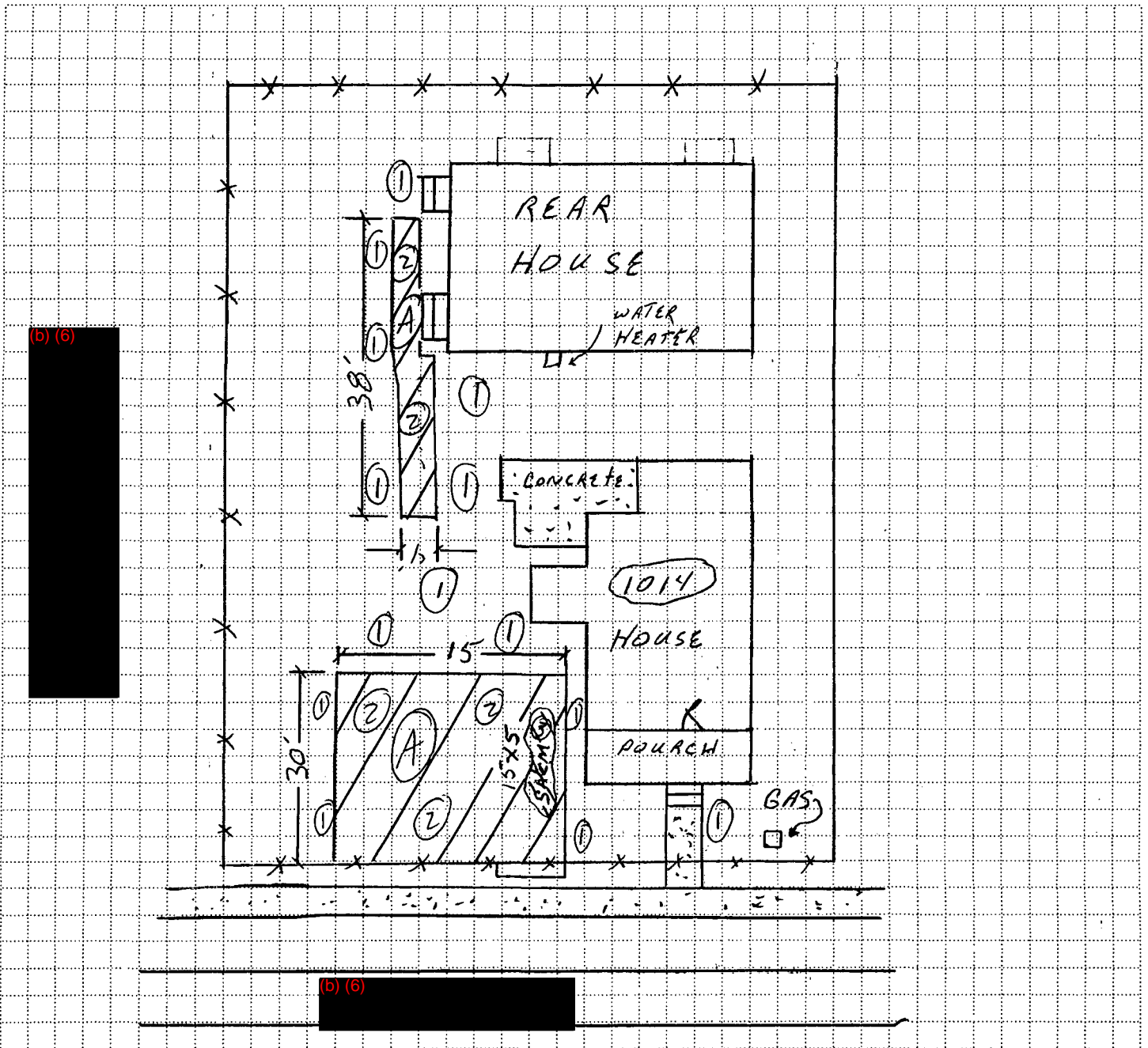
05-0595-520

TRACKING # 595

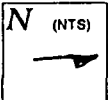
SITE SKETCH

ADDRESS: (b) (6) BRETTA

UPDATED: 06/23/97



NOTES:



RESTORATION: A: soil/sod

B:

C:

ARRIVAL: 1545

DEPARTURE: 1623

tw 6/24/97

RESTORATION APPROVED BY:

(b) (6)

05-0595-530

TEAM: MW/TT/ST

DATE: 06/23/97 7017 6/25

005229

DATE: 06/23/97

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 595

ADDRESS: (b) (6)
Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON Analytical 7-29-97

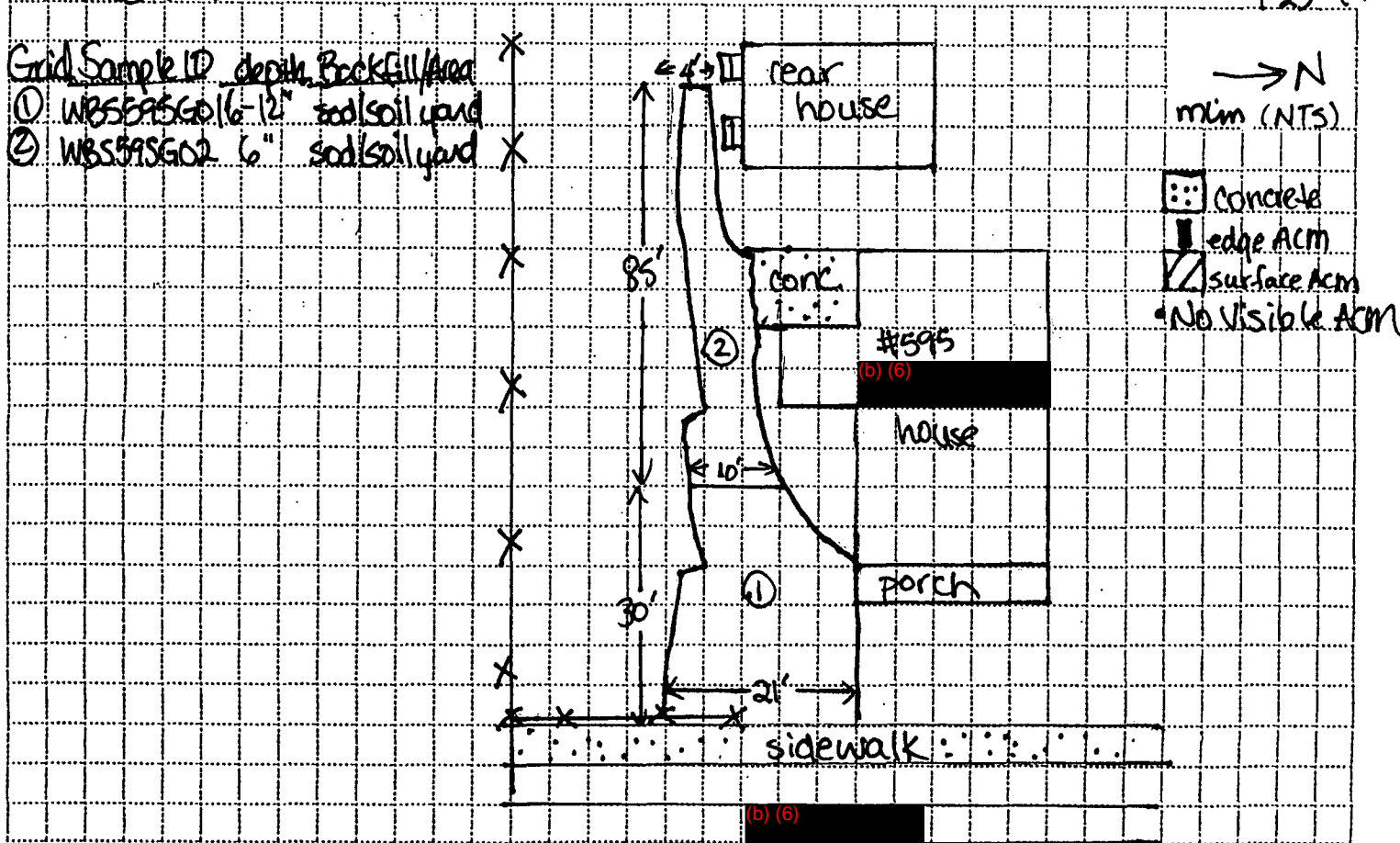
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 4 5 6 7 8

- A. PROCEED WITH RESTORATION: ✓ ✓
- B. FURTHER ACTION NECESSARY:

• Geolined 7-25-97

7-25-97



AUTHORIZED EPA/START REPRESENTATIVE

Edy Z. Shivers, Jr.
005230

05-0595-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Maggie Lin
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Tuesday, July 29, 1997

Ref Number: IN97620

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS1116G05	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS595G01		Brown Non-Fibrous Homogeneous	Crushed		None Detected		80% Quartz 20% Other
WBS595G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other

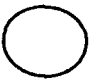
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

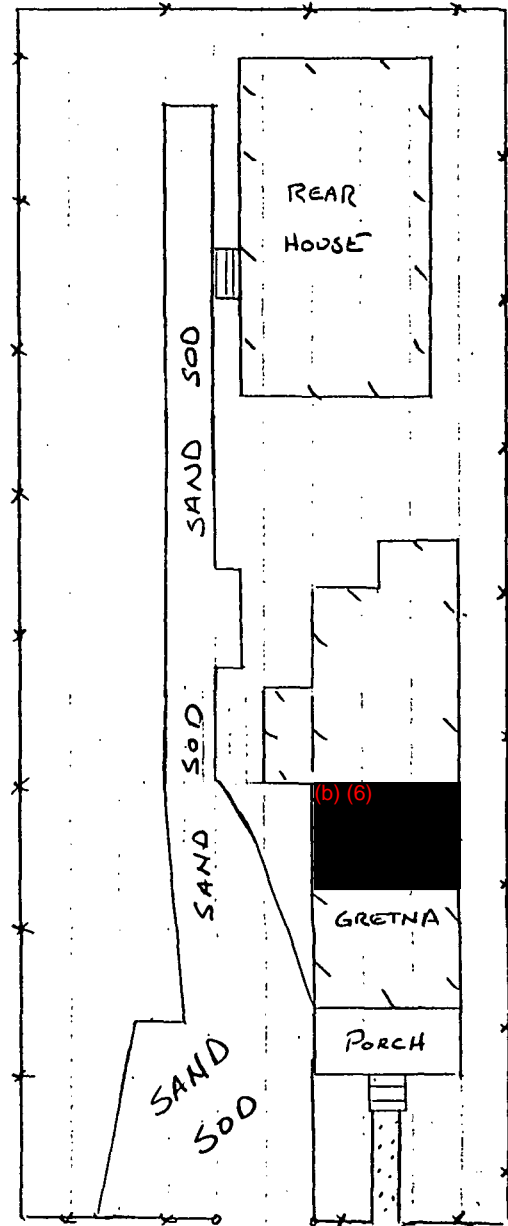
Jane Wasilewski
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200186-0).



By PM Date 7-28-97 Subject RESTORATION SITE # 595 Sheet No. of
Chkd. By Date Proj. No.



WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 595

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Gravel Installation (sq.yds.)					116.00		
4" Concrete Installation (sq. yds.)							
6" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					116.00		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					28.00		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

CLIENT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

005233

05-0595-590



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 7-28-97 Subject RESTORATION SITE # 595 II Sheet No. _____ of _____

Chkd. By _____ Date _____ Proj. No. _____

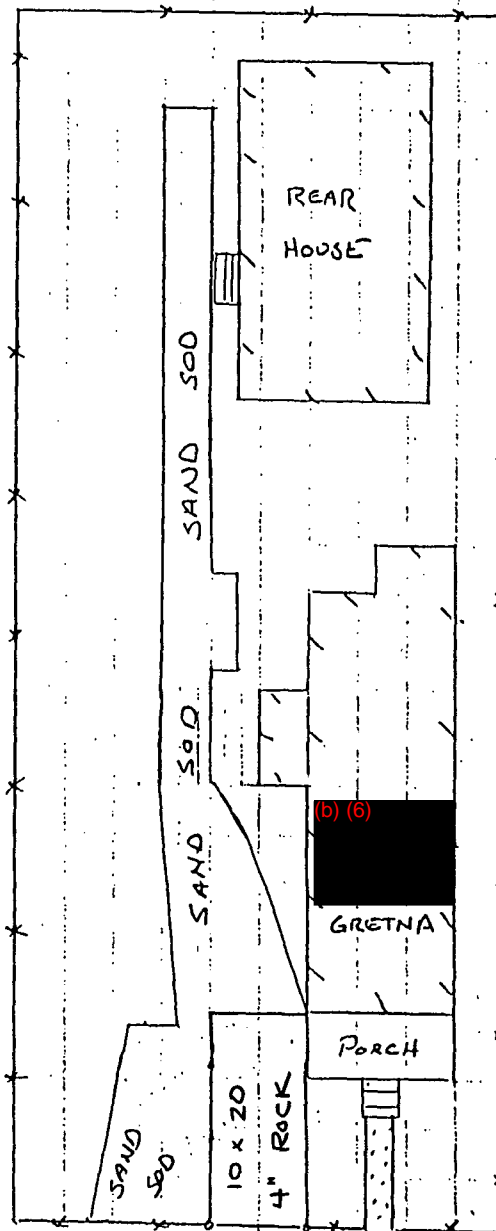
REVISED 8-11-97

AS PER USEPA T.W.

USACE J.M.

NOTE: (EXTRA)

REMOVE GRASS AND SAND TO 4"
INSTALL 10'x20'x4" GRAY ROCK



005234

05-0595-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 595 III

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					22.00		
Sod Installation (sq.yds.)							
3" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)					4.00		
Rock, Gray (cu.yds.)							
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA (REMOVE 10x20 SAND & SOD)							

Site Sketch on Back of Page

COMMENTS:

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

005235

05-0595-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/5/98
SITE #: 595

ADDRESS: (b) (6)
GREYNA, LA

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

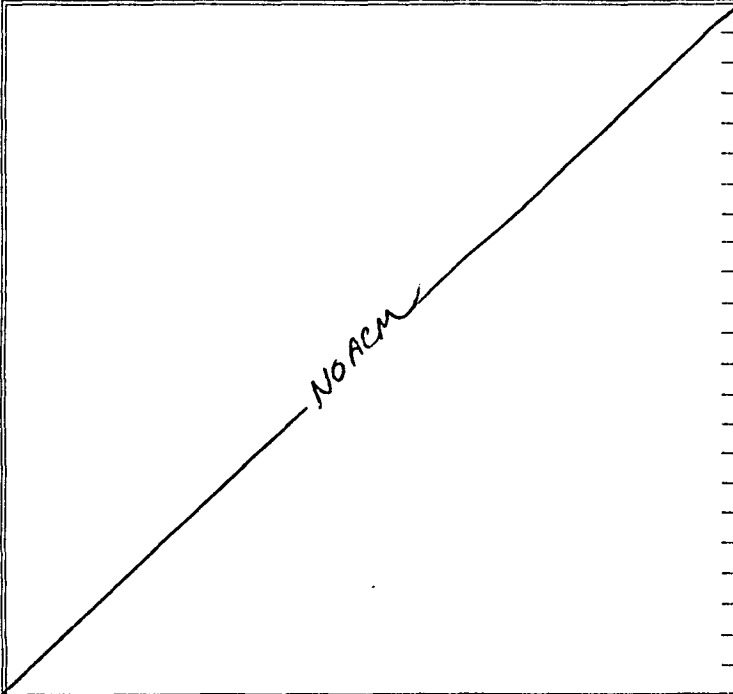
APPR. CRAWL SPACE HEIGHT: _____

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM) _____

SKETCH OR COMMENTS:

	_____

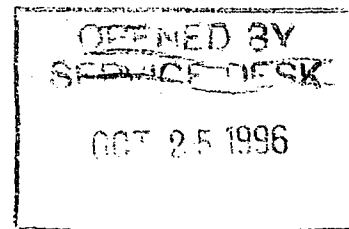
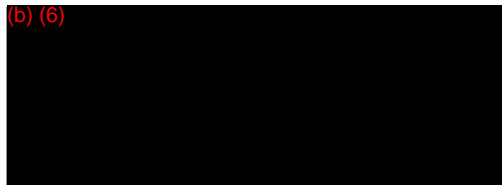
TEAM MEMBERS: _____

005236

05-0595-540

105237

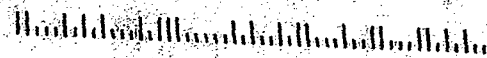
(b) (6)



05-0595-600

6SF-R2

U.S. Environmental Protection Agency
Region 6



FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee:
Address: <u>Gretna, LA, 70053</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) (b) (6) (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; <u>gate</u> ; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; <u>no</u> ; don't know If yes, note on site sketch. How deep? _____

Site Sketch:

(b) (6)

Estimated Volume of ACM: _____	
Comments: <u>Backfill: Limestone</u> <u>Call before arrival</u>	
Date/Time of Interview:	Access Granted (circle): <u>yes</u> ; no
Team Members:	

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: 20053

Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/10/96
DATE

(b) (6)

SIGNATURE

005239

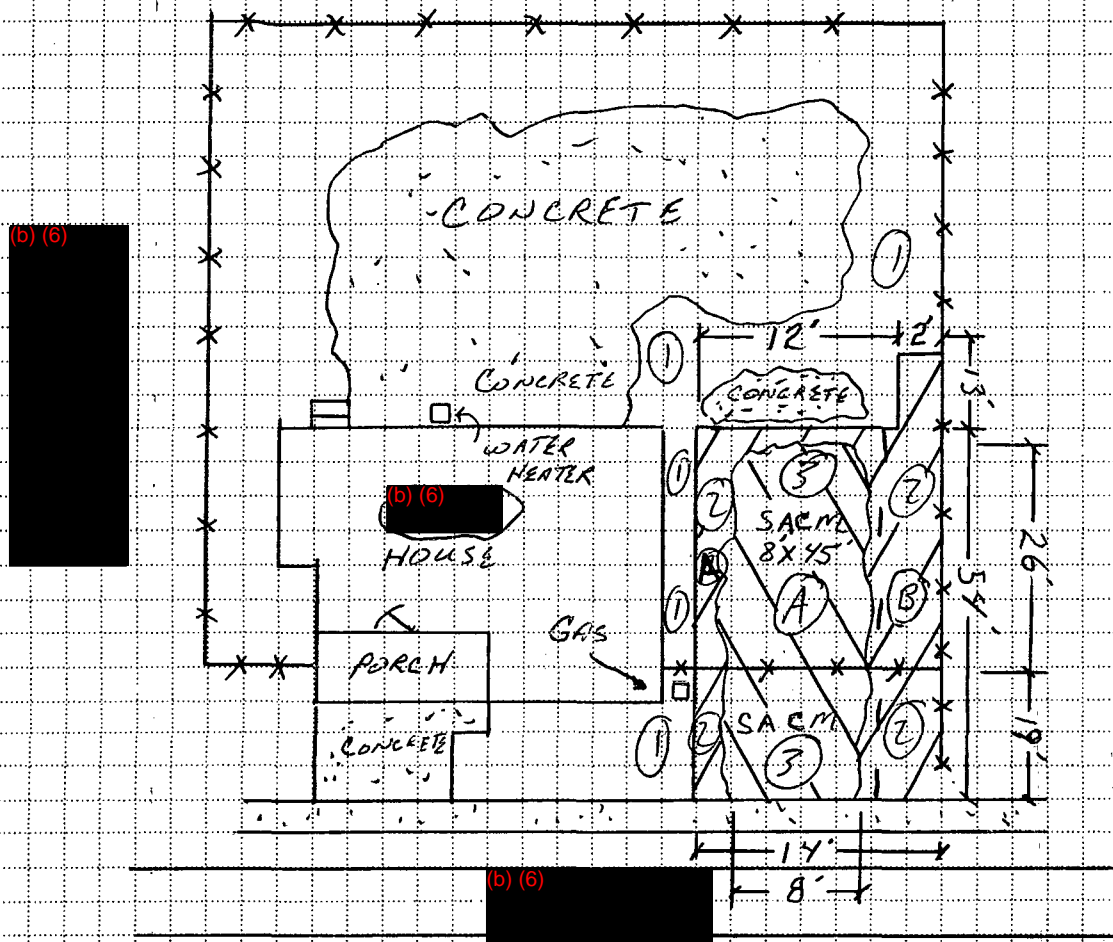
05-0596-520

TRACKING # 596

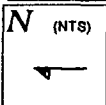
SITE SKETCH

ADDRESS: (b) (6) GRETA

UPDATED: 06/23/97



NOTES:



#	COVER	THICKNESS
1	6" sod/soil	—
2	3" sod/soil	3" ACM
3	—	4" SACM

RESTORATION: A: Concrete (10' x 45')
 B: Sod/soil
 C:

ARRIVAL: 1520
 DEPARTURE: 1545

tw 6/24/97

RESTORATION APPROVED BY:

(b) (6)

05-0596-530

TEAM: MW/TT/SJ

DATE: 06/23/97

005240

DATE: 6/23/97
20 DT 6/25

A. Kellia

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
 Indianapolis, Indiana 46250
 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Gregory R. Day
 Ecology & Environmental
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Thursday, July 31, 1997

Ref Number: IN97642

EMSL**POLARIZED LIGHT MICROSCOPY (PLM)**

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS703G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed		None Detected		80% Quartz 20% Other
WBS1055G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS1055G02		Brown Non-Fibrous Homogeneous	Crushed		None Detected		80% Quartz 20% Other
WBS616G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS616G02		Brown Non-Fibrous Homogeneous	Crushed		None Detected		80% Quartz 20% Other
WBS596G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips
 Margaret Phillips
 Analyst

[Signature]
 Approved
 Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to perform separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #207185-01)

05-0596-570

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Gregory R. Day
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Thursday, July 31, 1997

Ref Number: IN97642

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020801 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS96G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed		None Detected		80% Quartz 20% Other
WBS899G01		Brown Non-Fibrous Homogeneous	Crushed	1%	Chrysotile Crocidolite		80% Quartz 18% Other
WBS899G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS899G03		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS964G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS964G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method.

Margaret Phillips
Margaret Phillips
Analyst

[Signature]
Approved
Signatory

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EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Deena DePalma
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Friday, August 01, 1997

Ref Number: IN97668

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS899G04	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other
WBS596G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other
WBS976G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other
WBS976G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			40% Quartz 60% Other
WBS965G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			40% Quartz 60% Other
WBS965G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also "N of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #226185-01)

05-0596-570

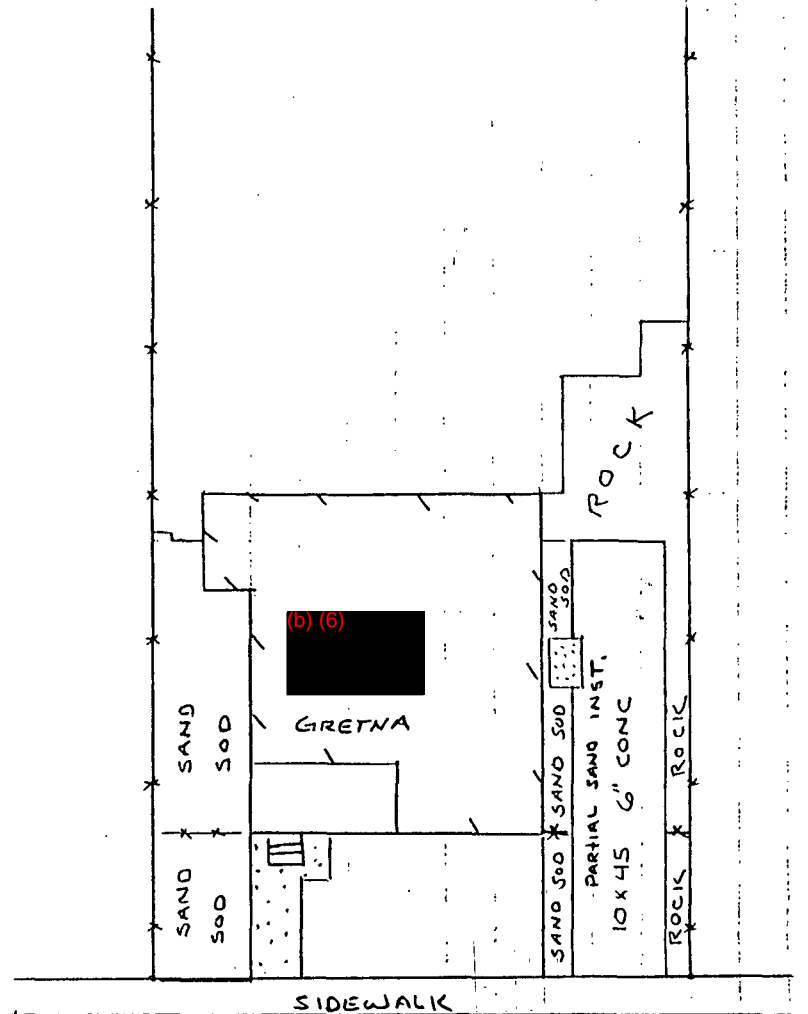


INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 7-31-97 Subject RESTORATION SITE # 596 Sheet No. _____ of _____

Chkd. By _____ Date _____ Proj. No. _____



05245

05-0596-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 596

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					45. ⁰⁰		
Pod Installation (sq.yds.)					64. ⁰⁰		
6" Concrete Installation (sq. yds.)					50. ⁰⁰		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					84. ⁰⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					12. ⁰⁰		
Sand (cu.yds.)					30. ⁰⁰		
Concrete (cu.yds.)					8. ⁵⁰		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

005246

05-0596-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL	REVISED CANCELED
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.	La. Contractor's License #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane			
City: Slidell	State: LA	Zip: 70456	
Contact: Gerald Avery	Telephone: 504-646-0039		
OTHER OPERATOR:	DEQ Project Designer #:		
Address:			
City:	State:	Zip:	
Contact:	Telephone:		
III. TYPE OF OPERATION (CIRCLE ONE)	Demo	Ordered Demo	Renovation Emergency Reno
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)	YES	NO	Inspection Date: Jan. - Apr. 1996
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 610685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#596)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: ① Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I Cat II	UNIT
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 8
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)	Start: 11/7/96	Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)	Start: 11/7/96	Complete: 12/21/96	

005247

05-0596-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors " Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane " 685 Bridge City Avenue

City: Slidell " Bridge City State: LA Zip: 70458 " 70094 Telephone #: (504)646-0039
#3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Joshua S. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Joshua S. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S. 40:1574 A & B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005248

05-0596-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

8/5/98

ADDRESS:

(b) (6)

GREYNA, LA

SITE #:

596

ACM LOCATED BENEATH:

HOUSE
SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

CHUNKS
POWDER
SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

No ACM

TEAM MEMBERS:

005249

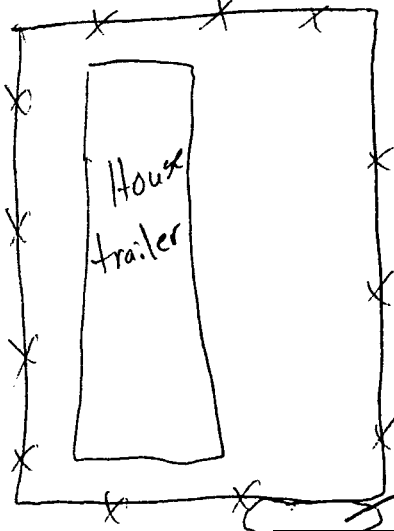
05-0596-540

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6), Gretna, LA, 70053	
Phone No.: (b) (6)	(b) (6) disconnected
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other <u>trailer house</u>	
2) Problems accessing yards (circle): <u>locked gate</u> ; gate; dogs; other _____ resolution: _____	
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.	
4) Is any underground ACM present? (circle): yes; <u>no</u> ; don't know If yes, note on site sketch. How deep? _____	
Site Sketch: 	
Estimated Volume of ACM: <u>4ft²</u>	
Comments: <u>Backfill: Limestone</u>	
Date/Time of Interview: <u>11:30</u> <u>10/17</u>	Access Granted (circle): <u>yes</u> ; no
Team Members: <u>TC / KJ</u>	

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address (b) (6)

Gretna

State/Zip: LA, 70053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

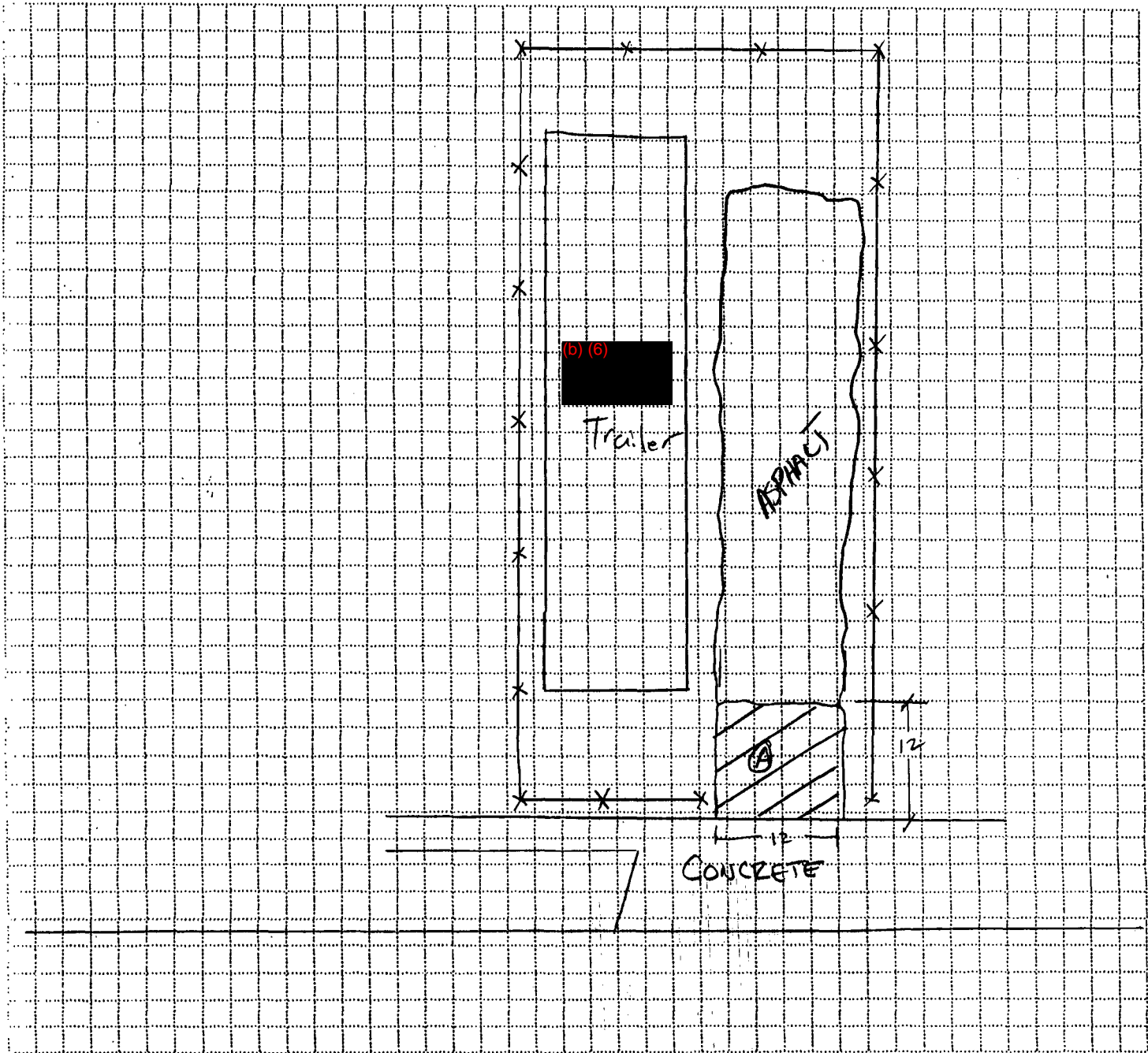
9/3/96
DATE(b) (6)
SIGNATURE

TRACKING # 597

SITE SKETCH

ADDRESS: (b) (6) Gretna

UPDATED: 11



NOTES: pick up box of ACM beside fence!

N (NTB)

#	COVER	THICKNESS
①	1" gravel	3"

RESTORATION: A: LIMESTONE 12'x12'
B:
C:

ARRIVAL:
DEPARTURE:

RESTORATION APPROVED BY: tw 9/12/97 (b) (6) DATE: 11/1/97

TEAM: KJ/MM/DB

DATE: 9/11/97
005252

TO IT 9/22/97

05-0597-530

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 597

ADDRESS: (b) (6)
Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON (no analytical as of 9-24-97)

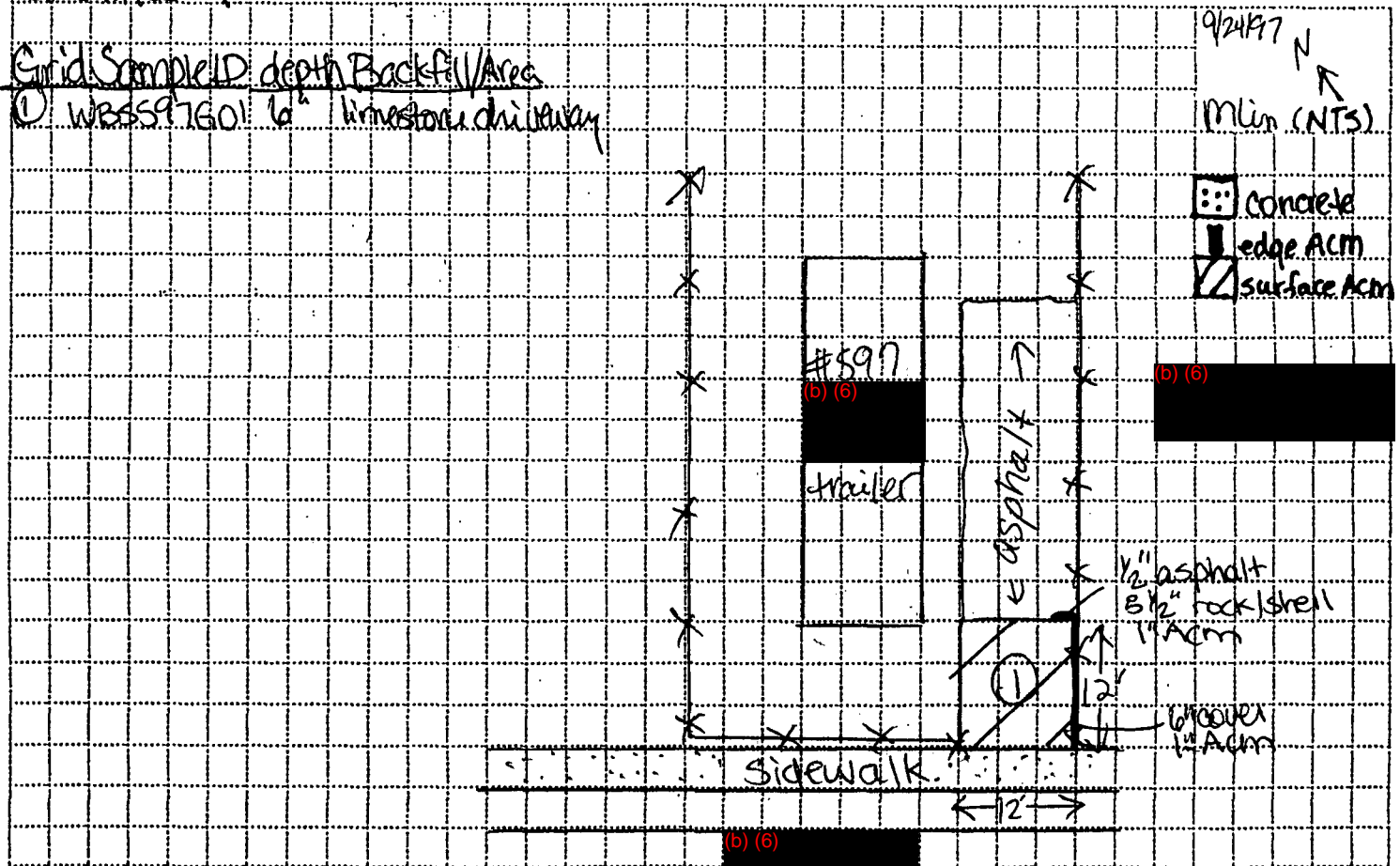
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒

B. FURTHER ACTION NECESSARY: ☐

Geolined 9-24-97



AUTHORIZED EPA/START REPRESENTATIVE

Maggie
0052538

05-0597-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Deena DePalma
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Friday, September 26, 1997

Ref Number: IN971204

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		% FIBROUS	% NONFIBROUS
WBS597G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	8%	Chrysotile 2% Crocidolite			80% Quartz 10% Other
WBS1126G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile			80% Quartz 20% Other
WBS1126G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS1126G03		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS1126G04		Brown Non-Fibrous Homogeneous	Crushed	20%	Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS1126G05		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite			80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips
Margaret Phillips
Analyst

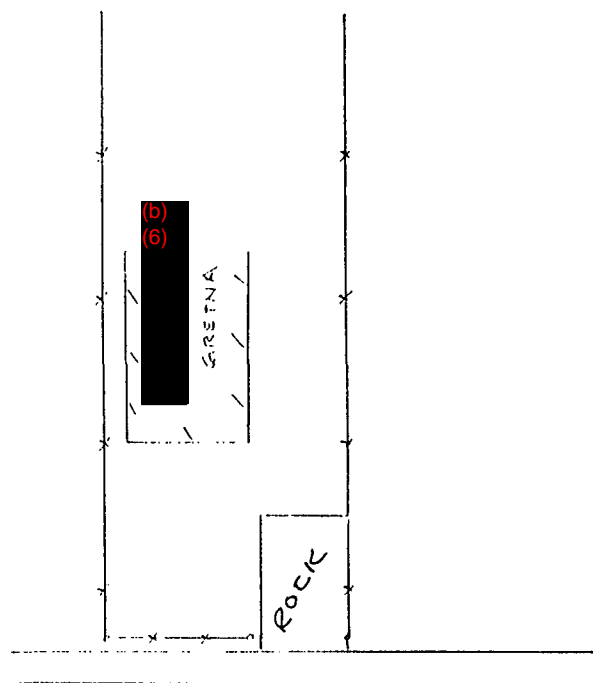
Entered
9/29/97

Robert L. Harding
Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).



By PM Date 9-25-97 Subject Restoration site # 597 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 597

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					13. ⁰⁰		
Gravel Installation (sq.yds.)							
4" Concrete Installation (sq. yds.)							
6" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					3. ⁵⁰		
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

005256

05-0597-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE) ORIGINAL REVISED CANCELED			
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell	State: LA	Zip: 70456	
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:	State:	Zip:	
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) YES NO		Inspection Date: Jan. - Apr. 1996	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#597)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: In front of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		RACM to be Removed	Nonfriable Asbestos Material Not to be Removed
		Cat I	Cat II
		UNIT	
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 1
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/7/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 4/7/96	Complete: 12/21/96

005257

05-0597-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors " Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane " 685 Bridge City Avenue

City: Slidell " Bridge City State: LA Zip: 70458 " 70094 Telephone #: (504)646-0039
#3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Jackie P. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Jackie P. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005258

05-0597-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98
SITE #: 597

ADDRESS: (b) (6)
Gretna

ACM LOCATED BENEATH:



APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:



PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

A large rectangular area for sketching or comments. A diagonal line runs from the bottom-left corner to the top-right corner. The text 'No ACM' is written along this diagonal line. To the right of the diagonal line, there are several horizontal lines for additional notes.

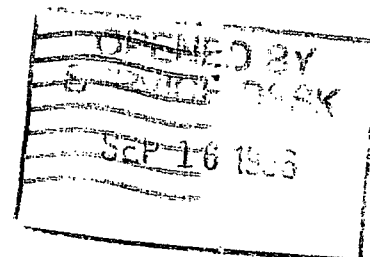
TEAM MEMBERS: MTL/PLL

005259

05-0597-540

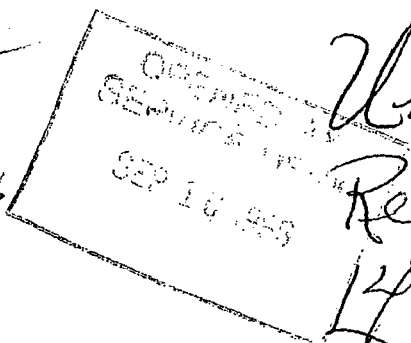
(b) (6)

05-0597-600



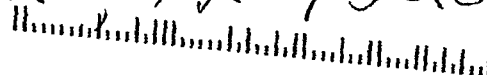
John Martin
BSF-R2

~~John Martin~~
~~BSF-R2~~



United States Environmental Protection
Agency
Region 6
1445 Ross Avenue, Suite 1200
Dallas TX 75202-2733

75202-2733



1105260

FIELD DATA SHEET 1

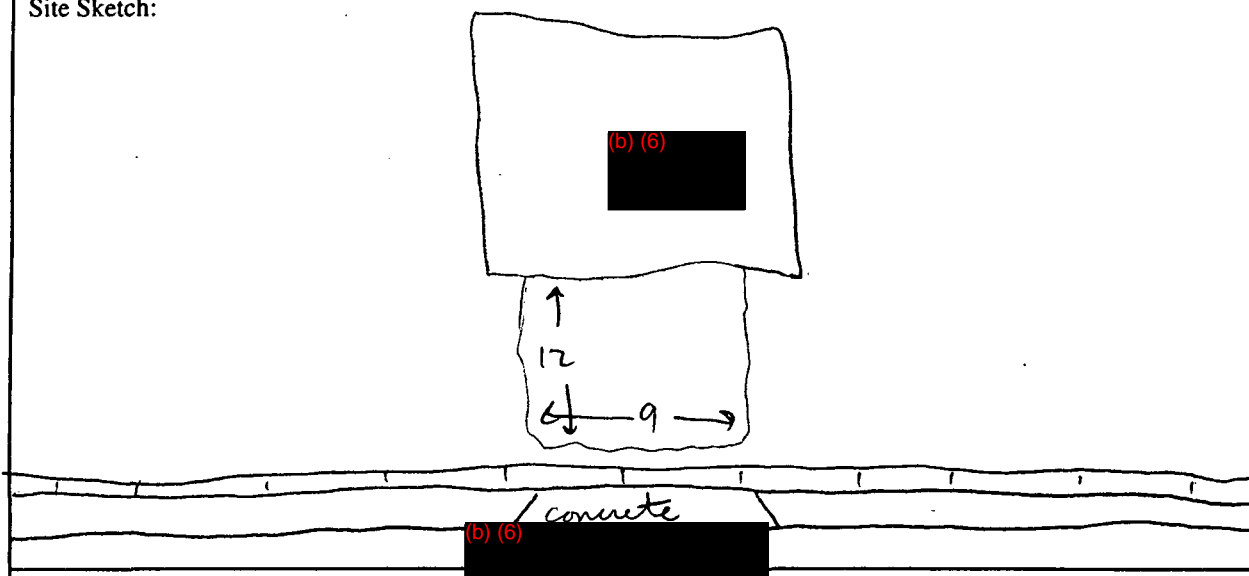
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Gretna, LA, 70053</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>None</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; <u>no</u> ; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: LimestoneDate/Time of Interview: 11:3010/17Access Granted (circle): yes; noTeam Members: TC/KJ

005261

05-0598-510

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6) *Gretna*
State/Zip: *LA, 70053* Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 *et seq.* Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-94
DATE

(b) (6)
SIGNATURE

005262

05-0598-520

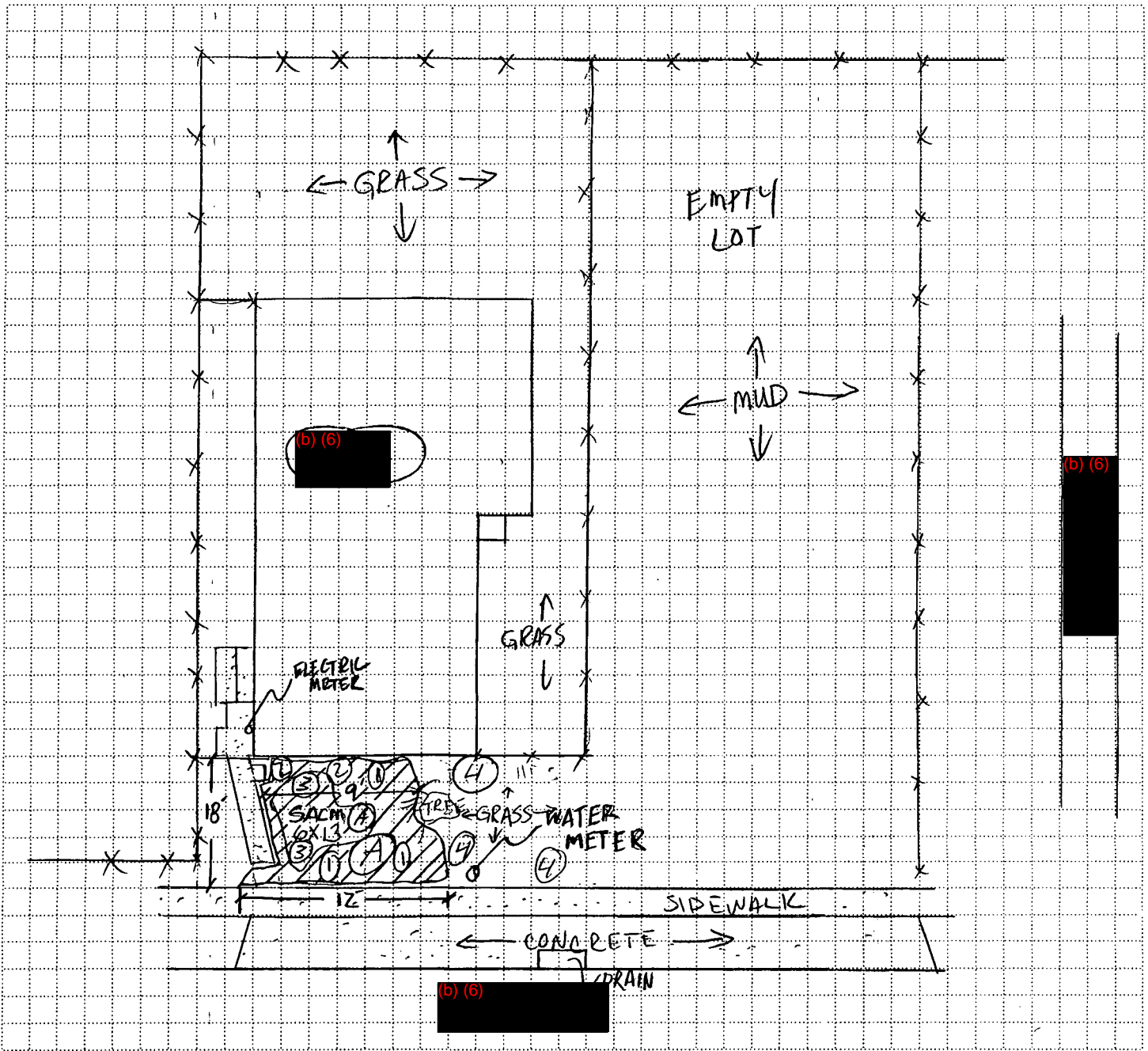
598

SITE SKETCH

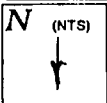
ADDRESS:

(b) (6)

UPDATED: / /



NOTES:



RESTORATION: A: Soil/SOD ($\approx 12' \times 18'$)
B:
C:

ARRIVAL:

DEPARTURE:

RESTORATION APPROVED BY:

(b) (6)

DATE: _____

TEAM: T/SJ/DM JM 7/9

DATE:

005263

TOT 711-97

#	COVER	THICKNESS
1	3" sod/soil	3" ACM
2	1" sod/soil	4" ACM
3	—	4" SACM
4	6" + sod/soil	—

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

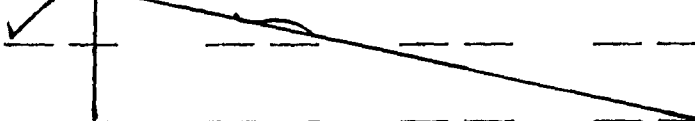
SITE# 598

ADDRESS: (b) (6)
Gretna, La

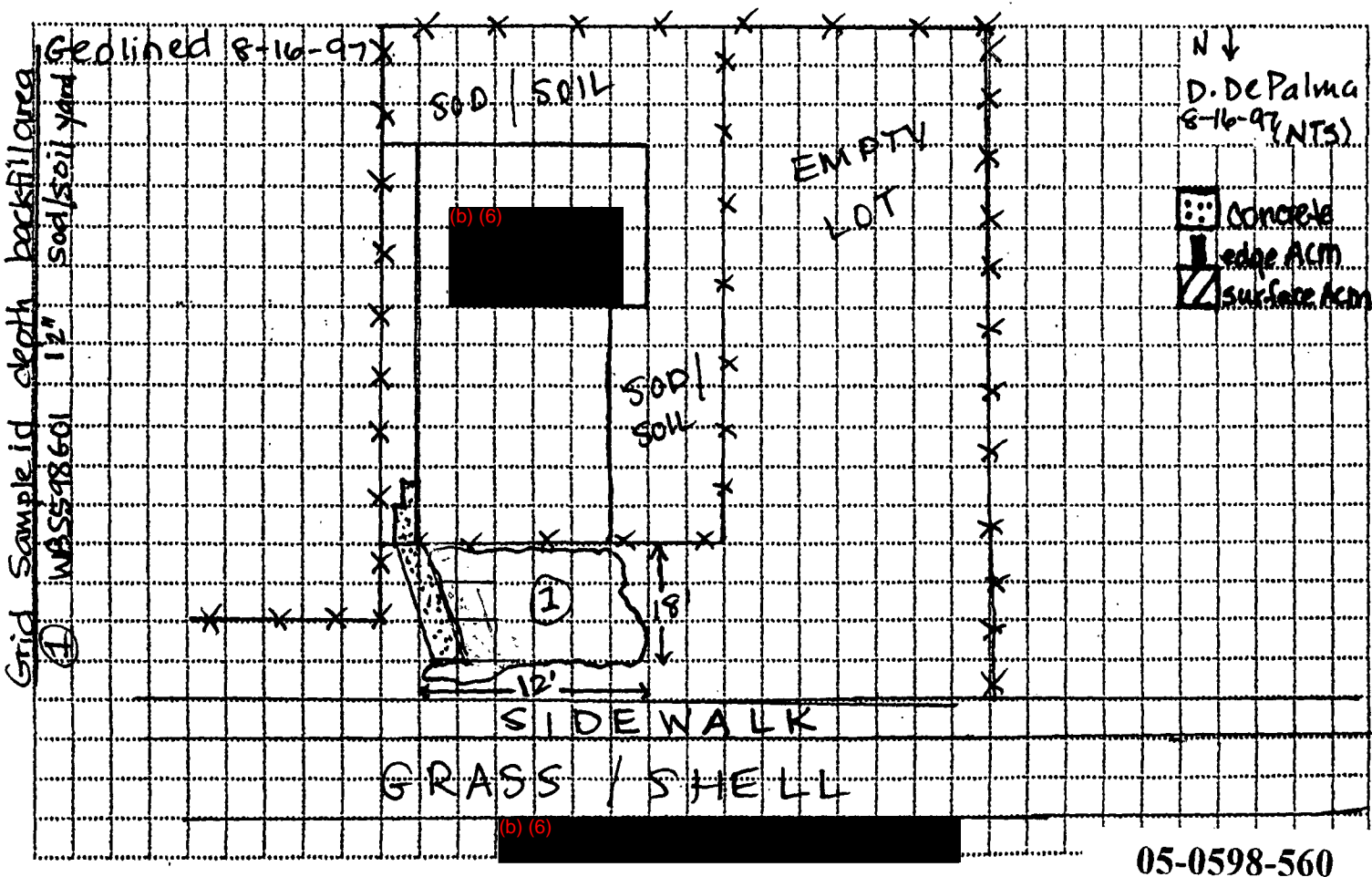
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 8-20-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

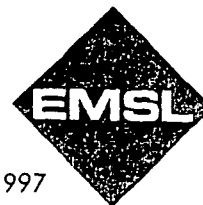
A. PROCEED WITH RESTORATION: ☒ 

B. FURTHER ACTION NECESSARY: ☐



AUTHORIZED EPA/START REPRESENTATIVE

Diana DePalma
005264



Attn.: Deena DePalma
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Wednesday, August 20, 1997

Ref Number: IN97861

POLARIZED LIGHT MICROSCOPY (PLM)

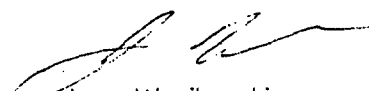
Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS601G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected		30% Quartz 70% Other	
WBS601G02		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite		80% Quartz 18% Other	
WBS601G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile		80% Quartz 20% Other	
WBS598G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite		80% Quartz 20% Other	
WBS598G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite		30% Quartz 70% Other	
WBS135G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite		80% Quartz 20% Other	

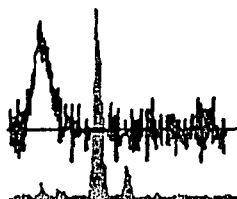
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method


Jane Wasilewski
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.
Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

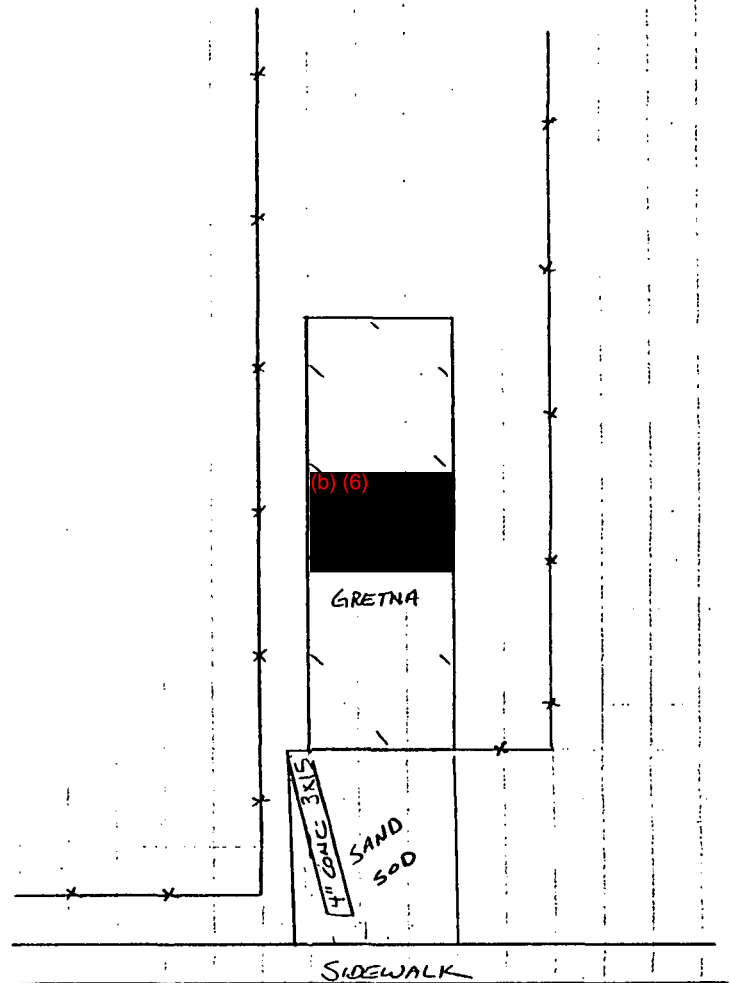




INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 8-16-97 Subject RESTORATION SITE # 598 Sheet No. of
Chkd. By Date Proj. No.



05-0598-590

005266

718600

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 598

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					23. ⁵⁰		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)					5. ⁰⁰		
Sand Installation (sq.yds.)					28. ⁵⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					8. ¹⁸		
Concrete (cu.yds.)					0. ⁵⁰		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

05-0598-590

005267

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors #3 Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane #3 685 Bridge City Avenue

City: Slidell #3 Bridge City State: LA Zip: 70458 #3 70094 Telephone #: (504)646-0039 #3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III.Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Jack S. Kelly 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Jack S. Kelly 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005268

05-0598-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested	1	Parish #	1340	Source #		ADVF #	
I. TYPE OF NOTIFICATION		(CIRCLE ONE)	ORIGINAL	REVISED	CANCELED		
II. FACILITY INFORMATION				Contact: John Martin			
OWNER NAME: U.S. EPA Region 6				Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave							
City: Dallas				State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.				La. Contractor's License #: 26445		DEQ ID #: 7S00008	
Address: 113 Ondine Lane							
City: Slidell				State: LA		Zip: 70456	
Contact: Gerald Avery				Telephone: 504-646-0039			
OTHER OPERATOR:				DEQ Project Designer #:			
Address:							
City:				State:		Zip:	
Contact:				Telephone:			
III. TYPE OF OPERATION		(CIRCLE ONE)	Demo	Ordered Demo	Renovation	Emergency Reno	
IV. IS ASBESTOS PRESENT?		(CIRCLE ONE)	YES	NO	Inspection Date: Jan. - Apr. 1996		
Inspector's Name: Debra Bendily (LDEQ)				Inspector's Accreditation #: 6I0685			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)							
Building/Component Name: Home (#598)				Fire Marshall Project #:			
Street Address: (b) (6)							
City: Gretna		State: LA		Zip: 70053		Parish: Jefferson	
Site Location: In front of house				Telephone: NA			
Building Size: NA		# of Floors: NA		Age in Years: NA			
Present Use: NA				Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116							
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:		RACM to be Removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed							
				Cat I	Cat II	UNIT	
Pipes						Ln Ft:	Ln m:
Surface Area						Sq Ft:	Sq m:
Vol RACM off Facility Component						Cu Ft:	Cu yds: 2
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)				Start: 11/1/96		Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)				Start: 11/1/96		Complete: 12/21/96	

005269

05-0598-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/5/98
SITE #: 598

ADDRESS: (b) (6)
GRETN, LA

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

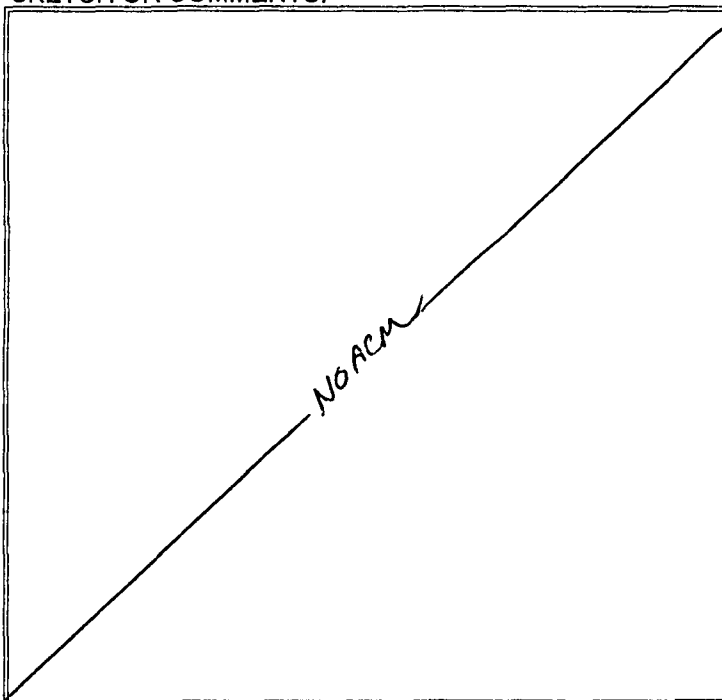
APPR. CRAWL SPACE HEIGHT: _____

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM) _____

SKETCH OR COMMENTS:

	_____

TEAM MEMBERS: _____

05-0598-540

005270

FIELD DATA SHEET 1

Site Information: VACANT

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6)	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>none</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; <u>no</u> ; don't know If yes, note on site sketch. How deep? _____

Site Sketch:

Site sketch showing a rectangular property with a blacked-out area labeled (b) (6). Below the property is a horizontal line labeled 'SIDEWALK'. Below the sidewalk is a rectangular area labeled 'ACM' with dimensions 7 (width) and 22 (length). Below the ACM area is another blacked-out area labeled (b) (6). A north arrow points to the right, labeled 'NORTH'.

Estimated Volume of ACM: _____

Comments: * ~~granted access agreement to Verne McFarland~~
Contact owner to move car out of garage / LimestoneDate/Time of Interview: 1650 9/25/96Access Granted (circle) yes; no pending receiptTeam Members: Rhoads / Thibodeaux

005271

05-0599-510

Property Address: (b) (6)

Tracking # 599

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

(REAR FACING) (b) (6)

State/Zip: 70053

Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/19/96

DATE

(b) (6)

SIGNATURE

005272

05-0599-520

Barbara A. Storey



Ecology & Environmental
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

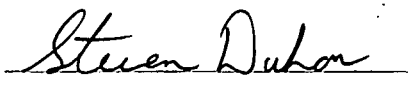
Thursday, October 10, 1996

Ref Number: TX962394

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: WESTBANK ASBESTOS-REMOVAL SUPPORT

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm ²	fibers/cc
WBA-092401	# 314	9/24/96	8544.60	24.0	100	0.0003	30.57	0.0014
WBA-092402	# 314	9/24/96	8444.80	21.5	100	0.0003	27.39	0.0012
WBA-092403	# 314	9/24/96	8422.40	24.0	100	0.0003	30.57	0.0014
WBA-092501	# 599	9/25/96	3654.72	14.0	100	0.0007	17.83	0.0019
WBA-092502	# 599	9/25/96	3618.27	9.0	100	0.0007	11.46	0.0012
WBA-092503	# 599	9/25/96	3593.97	14.0	100	0.0007	17.83	0.0019


Steven Duhon
Analyst


Approved
Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc which is dependent on volume collected by non-laboratory personnel.
Analysis performed by EMSL of Houston.

05-0599-572

005274



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

August 30, 1996

9/16/96
In accordance
w/ conversation
w/ Mr. Vene
Mr. Garland
today.

(b) (6)

(b) (6)

Dear Sir/Ma'am:

During the last year, the U.S. Environmental Protection Agency (EPA) and the Louisiana Department of Environmental Quality (LDEQ) have been investigating possible asbestos contamination within communities on the west bank of the Mississippi River, south of New Orleans, Louisiana. As a protective measure, representatives of these agencies will undertake a cleanup of these Westbank areas. Your residence has been identified as needing a cleanup of asbestos-containing materials. Enclosed are fact sheets that provide additional information on the cleanup and on asbestos.

Representatives of EPA and LDEQ will hold informal meetings on September 12, 1996, from 5:00 until 8:00 PM. The meetings will be held at the following locations:

William Hart Elementary School
2001 Hancock St.
Gretna, LA 70053

Ames Elementary School
500 Pine St.
Marrero, LA 70058

Westwego Elementary School
537 Avenue D
Westwego, LA 70094

Enclosed is a form granting access to your property in order that further assessments may be done. If you will please sign the form, including both your name and address, you will greatly facilitate this process. If you rent or lease the property, will you please provide us with the owner's name, address and phone number, or forward the access agreement to the property owner? Please tell us if an address correction is needed or if you wish to receive future mailings at a different address.

You may bring your signed access agreement form to the meeting in your area. If you have any questions, please call our local information line at 363-4917, or the EPA offices in Dallas at 1-800-533-3508 (toll-free). We look forward to talking with you on September 12.

Sincerely Yours,

John J. Martin

John J. Martin
EPA On-Scene Coordinator

05-0599-600

Enclosures

(b) (6)
We came by to visit you and to inform you about the
upcoming events. Your (?) property at (b) (6) has an asbestos
material in the driveway. Please call us at (b) (6) and leave
your phone number so that I may call you back. Thanks, John

NOTIFICATION OF DEMOLITION AND RENOVATION FORM
FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL	REVISED CANCELED
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas		State: TX	Zip: 75202
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell		State: LA	Zip: 70456
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:		State:	Zip:
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE)		Demo Ordered Demo Renovation Emergency Reno	
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		YES NO	
Inspector's Name: Debra Bendily (LDEQ)		Inspection Date: Jan. - Apr. 1996	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#599)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: In front of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I Cat II	UNIT
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 3
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/1/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/1/96	Complete: 12/21/96

005276

05-0599-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors [#] Vaughan Contractors Contact Person: Jerry Avery R.P. Vaughan

Address: 113 Ondine Lane [#] 685 Bridge City Avenue

City: Slidell [#] Bridge City State: LA Zip: 70458 [#] 70094 Telephone #: (504) 646-0039
#3(504) 436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504) 436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John P. Helge 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John P. Helge 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S. 40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

05-0599-550

005277

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 599

		DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)	\$6.84/sy						
Sod Installation (sq.yds.)	\$5.15/sy						
6" Concrete Installation (sq. yds.)	\$30.10/sy						
4" Concrete Installation (sq. yds.)	\$26.40/sy						
Sand Installation (sq.yds.)	\$4.15/sy						
Lower Lift #1	\$1.16/sy						
Lower Lift # 2	\$1.16/sy						
Lower Lift #3	\$1.16/sy						
Rock, Brown (cu.yds.)	\$20.50/cy						
Rock, Gray (cu.yds.)	\$29.00/cy						
Sand (cu.yds.)	\$12.70/cy						
Concrete (cu.yds.)	N/A						
Plastic Edging (ft.)	\$1.65/ft						
Walkway Rock Inst. (sq.yds.)	\$9.12/sy						
Topsoil (cu.yds.)	\$21.00/cy						

Site Sketch on Back of Page

COMMENTS:

Restoration Completed by City.

IT REPRESENTATIVE SIGNATURE

NOLA REPRESENTATIVE SIGNATURE

005278

RS.

05-0599-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/5/98
SITE #: 599

ADDRESS: (b) (6)
GRETN, LA

ACM LOCATED BENEATH:

	HOUSE
	SHED

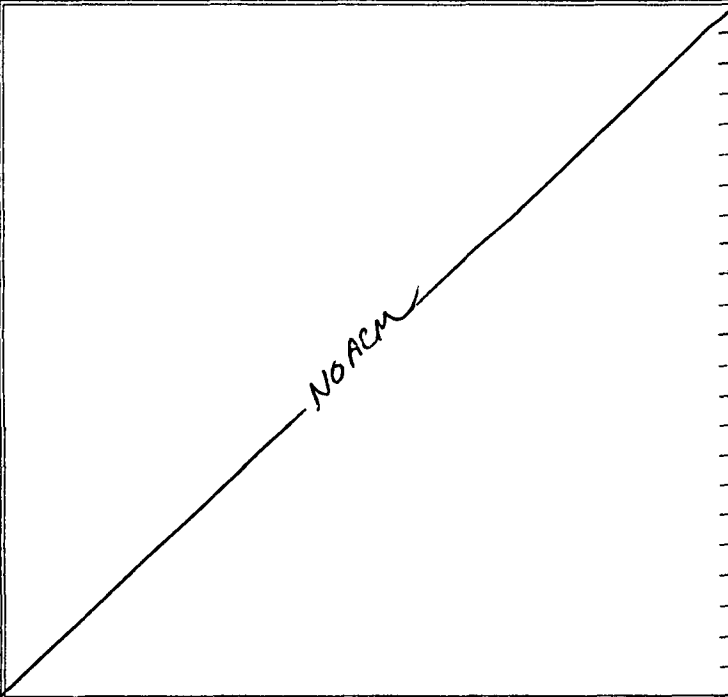
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

	CHUNKS
	POWDER
	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

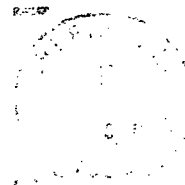
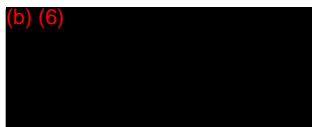
	_____

TEAM MEMBERS: _____

05-0599-540

005279

105280



John Martin
USEPA (6 SF-R)
1445 Ross Ave. #1200
Dallas, TX 75202-2733

05-0599-600

75202-2733 54



FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6), GRETN, LA. 70053	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>no gate</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; <u>no</u> ; don't know If yes, note on site sketch. How deep? _____

Site Sketch:

Garage

House

ACM

Concrete

(b) (6)

Estimated Volume of ACM: _____

Comments: call
Tom Richard called w/ site on 12/10/94limestone w/ edgingDate/Time of Interview: 10/11 1345Access Granted (circle): yes; noTeam Members: Cochill / Johnson

005281

05-0600-510

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

GRATNA

State/Zip: LA 70058 Phone Number(s) (b) (6)

70053

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/24/96

DATE

(b) (6)

SIGNATURE

005282

05-0600-520

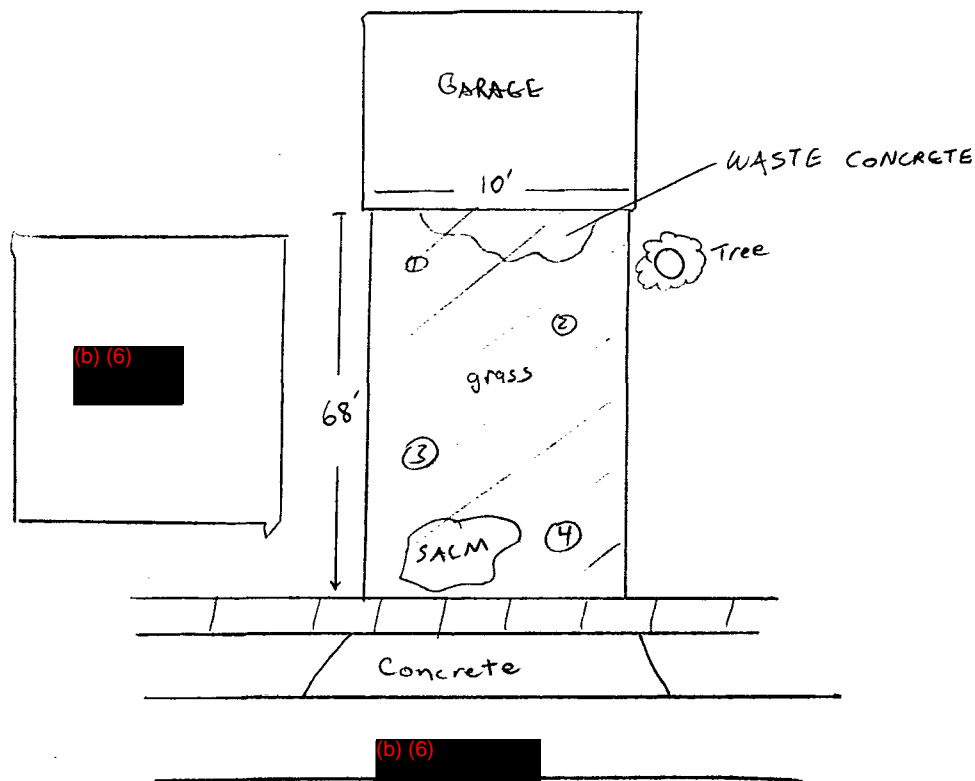
600

SITE SKETCH

(b) (6)

GRENA LA.

N
↓
NTS



1400hrs 2/12/97 - STANT and USACOE talked to Mr. Knight and explained why restoration with concrete was not possible. (b) (6) said he wanted to talk to his nephew about restoration. -Tmm

1643hrs 2/12/97 - USACOE spoke with nephew of (b) (6) about restoration in which he was explained why concrete cannot be offered due to the fact that the area only composed about 10% of the surface of the driveway - the rest of the area was grass and gravel. (b) (6) approved of restoration with limestone and edging. -Tmm

05-0600-530

(b) (6)

approves restoration with limestone w/edging

005283

2/5/97

Koelby/John / Kim Pinder / Mike Hammet

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 600

ADDRESS: (b) (6)

Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No anal. res. received as of

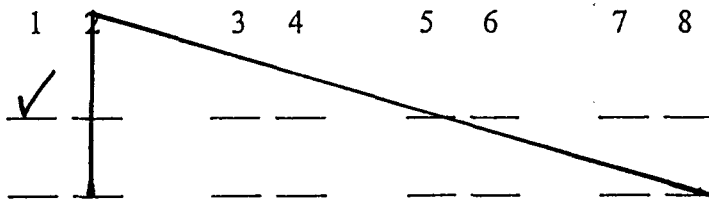
02.13.97 (b) (6)

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

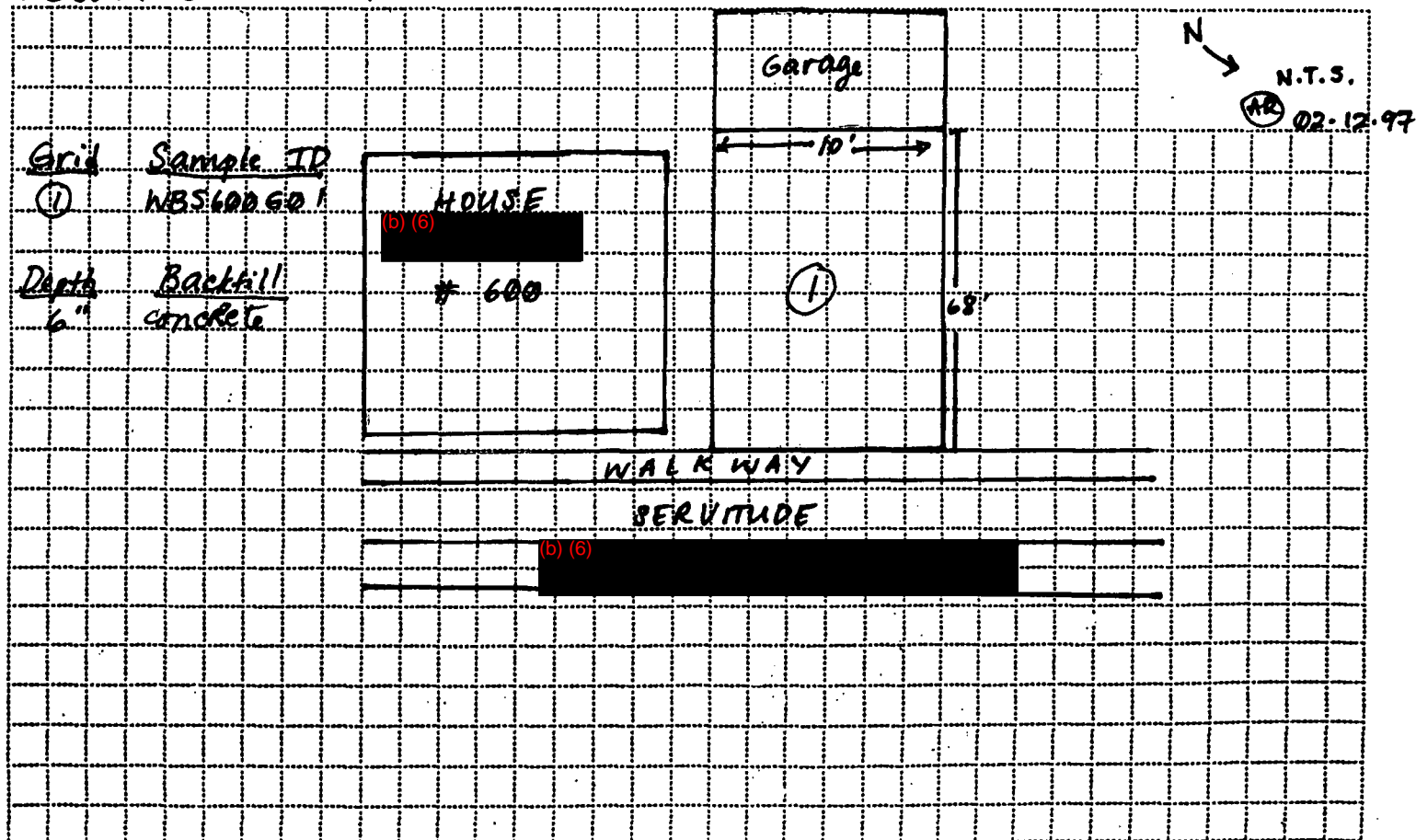
GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒

B. FURTHER ACTION NECESSARY: ☐



. Geolined 02.12.97



005284

AUTHORIZED EPA/START REPRESENTATIVE

Barbara Spry

05-0600-560

Westmont, NJ 908-564-6590	Piscataway, NJ 908-581-0958	Carle Place, NY 516-467-7251	Manhasset, NY 212-230-8062	Seattle, WA 206-223-9007	Ann Arbor, MI 313-848-8810	San Mateo, CA 415-670-6401	Smyrna, GA 404-333-0088	Greensboro, NC 910-287-1487	Houston, TX 713-686-9636
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EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Friday, February 14, 1997

Ref Number: TX97410

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS600G01	(b) (6)	Brown Fibrous Homogeneous	Teased		None Detected		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez
Analyst

Approved
Signatory

005285

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

3

05-0600-570

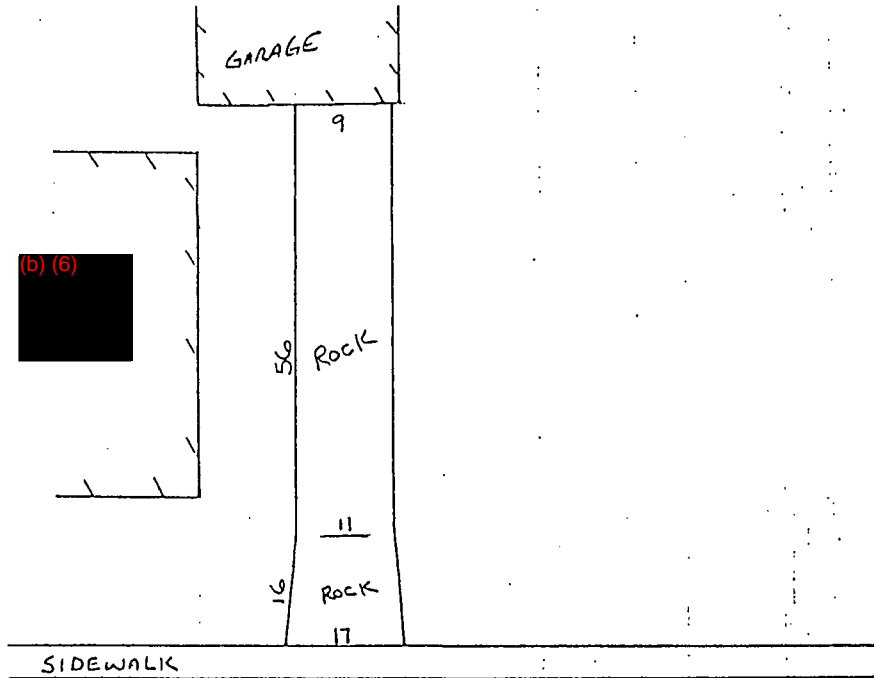


INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 2-13-97 Subject RESTORATION SITE # 600 Sheet No. _____ of _____

Chkd. By _____ Date _____ Proj. No. _____



005286

05-0600-590

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE) <u>ORIGINAL</u> REVISED CANCELED			
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas		State: TX	Zip: 75202
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell		State: LA	Zip: 70456
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:		State:	Zip:
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE) <u>Demo</u> Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) <u>YES</u> NO		Inspection Date: Jan. - Apr. 1996	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#600)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	
		Cat I	Cat II
		UNIT	
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 5
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/7/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/7/96	Complete: 12/21/96

005287

05-0600-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors #3 Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane #3 685 Bridge City Avenue

City: Slidell #3 Bridge City State: LA Zip: 70458 #3 70094 Telephone#: (504)646-0039
#3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLD, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

James E. Kelly 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

James E. Kelly 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A & B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005288

05-0600-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/5/98
SITE #: 600

ADDRESS: (b) (6)
GREYNA, LA

ACM LOCATED BENEATH:

	HOUSE
	SHED

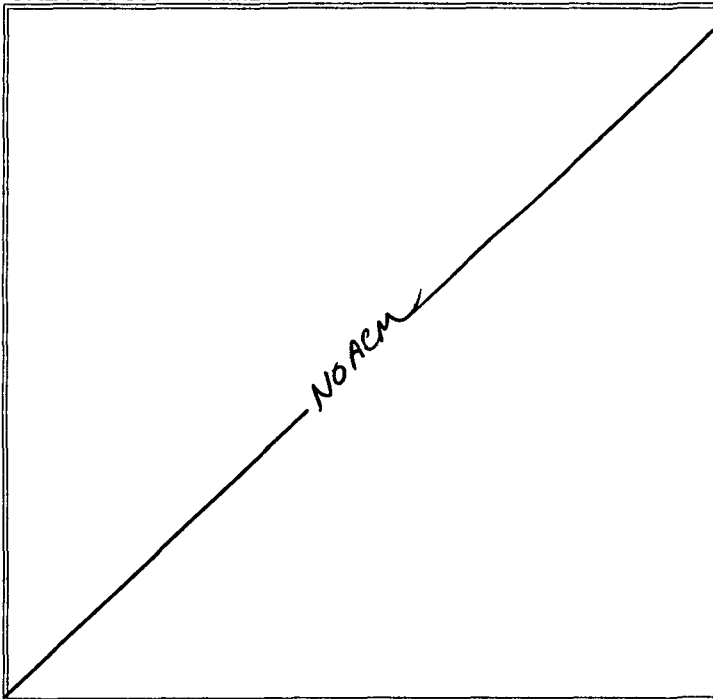
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

	CHUNKS
	POWDER
	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

TEAM MEMBERS: _____

05-0600-540

005289



ecology & environment, inc.

REGION VI

START
SOIL AND WATER TECHNICAL ASSISTANCE & REMEDIATION

2150 Westbank Expressway
Rear Trailer/Behind State Office Building
Harvey, La. 70058

Telephone (EPA): (504) 363-0037
Telephone (START): (504) 363-2980
Fax: (504) 363-4732

WESTBANK ASBESTOS SITE FAX COVER SHEET

TO: Lynn Coyne
LOCATION: Gretna City Hall
FAX: 363 1509

DATE: 12/19/96
CHARGE NO.: _____

PAGE 1 OF ____

FROM: JOHN MARTIN, OSC USEPA
SUBJECT: ASBESTOS IN DRIVEWAY AT (b) (6)

REMARKS:

The Asbestos site mentioned in your letter has previously
been noted on our list as site #600. It will be
scheduled for removal as time permits. An access agreement has been
Signed by the owner (b) (6)
If you have any questions regarding this matter, please call
at 363-4719.

JOHN MARTIN

005290

05-0600-600

CITY OF GRETNA
RONNIE C. HARRIS, MAYOR

SUSAN E. PERCLE
CHIEF ADMINISTRATIVE OFFICER
AZALEA M. ROUSSELL
TAX COLLECTOR
CITY CLERK
RUDOLPH DUSAULES
TREASURER
FINANCE DIRECTOR

P.O. BOX 404
GRETNA, LOUISIANA 70054-0404
PHONE: (504) 363-1500
FAX: (504) 363-1509

December 19, 1996

ALDERMAN
HUBERT F. UZEE
AT LARGE / MAYOR PRO-TEM
LEO JONES, JR.
DISTRICT ONE
SALVATORE MARCHESE, JR.
DISTRICT TWO
VINCENT E. COX, III
DISTRICT THREE
GERARD E. SCHEXNAYDER
DISTRICT FOUR

EPA COMMAND POST TRAILER
LOUISIANA STATE OFFICE BUILDING
2150 WESTBANK EXPRESSWAY
HARVEY, LOUISIANA 70058

RE: (b) (6), Gretna, La. 70053


Site # 6000

Gentlemen:

I recently received a memo from (b) (6) in which he states that there is asbestos in the driveway between these two buildings.

Since my office is not equipped to check for asbestos, and since your operation includes this area I request that your crews check this location and advise me of your findings so that (b) (6) can be advised.

Thanking you in advance for your attention to this matter, I remain;


Lynn Ed. Coyne
Building Official

LEC/tss

cc Mayor
(b) (6)
Files

05-0600-600

005291

CITY OF GRETNA

SECOND AND HUEY P. LONG AVE.

P.O. BOX 404

GRETNA, LOUISIANA 70054-0404

LYNN ED. COYNE

EPA Command Post Trailer
Louisiana State Office Building
2150 West Bank Expressway
Harvey, Louisiana, 70058

05-0600-600

005292

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/2/98

SITE #: 600

ADDRESS:

(b) (6)

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

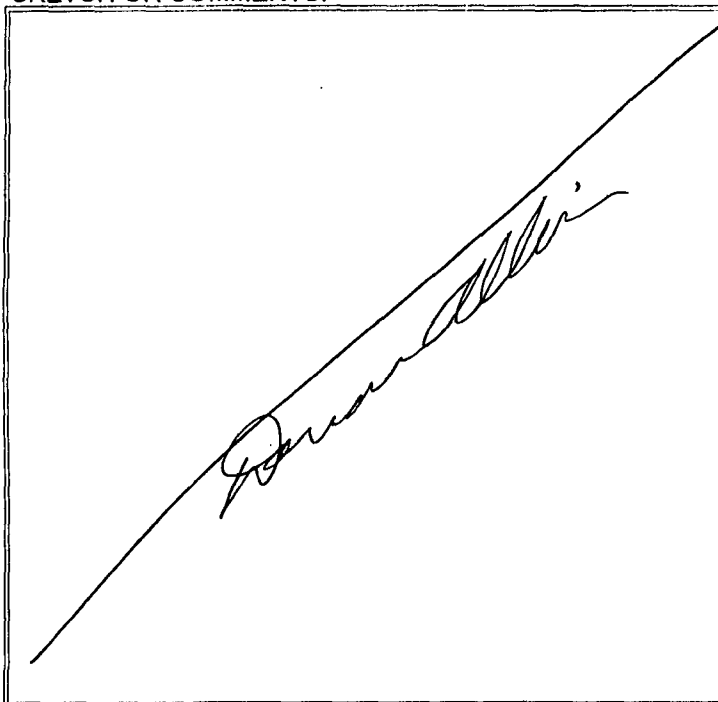
12"

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

05-0600-540

TEAM MEMBERS:

DA/ML

FIELD DATA SHEET 1

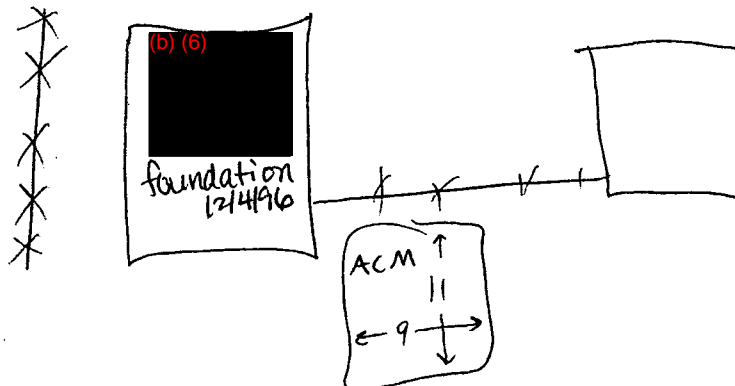
Site Information:

Occupant: <u>Vacant</u>	Interviewee:
Address: (b) (6), <u>GRENA, LA.</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) <u>Vacant</u> <u>Contact City</u>	

Site Description:

1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; <u>vacant lot</u> ; other <u>House had been demolished 12/4/96 mlin</u>
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>none</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



(b) (6)	
Estimated Volume of ACM: _____	
Comments: <u>Call: house appears vacant.</u> <u>access mailed to owner</u>	
Date/Time of Interview: <u>12/4/96</u>	Access Granted (circle): <u>yes</u> no <u>12/6/96</u>
Team Members: <u>SN/ML</u>	

Call Record

12/2/96 (b) (6) called LM on machine concerning
Gretna
12/3/96 Returned call. Left message.
0756

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: LA, 70053

Phone Number(s): (b) (6)

GREYNA, LA.

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11/7/96
DATE

(b) (6)

SIGNATURE

05-0601-520

005294

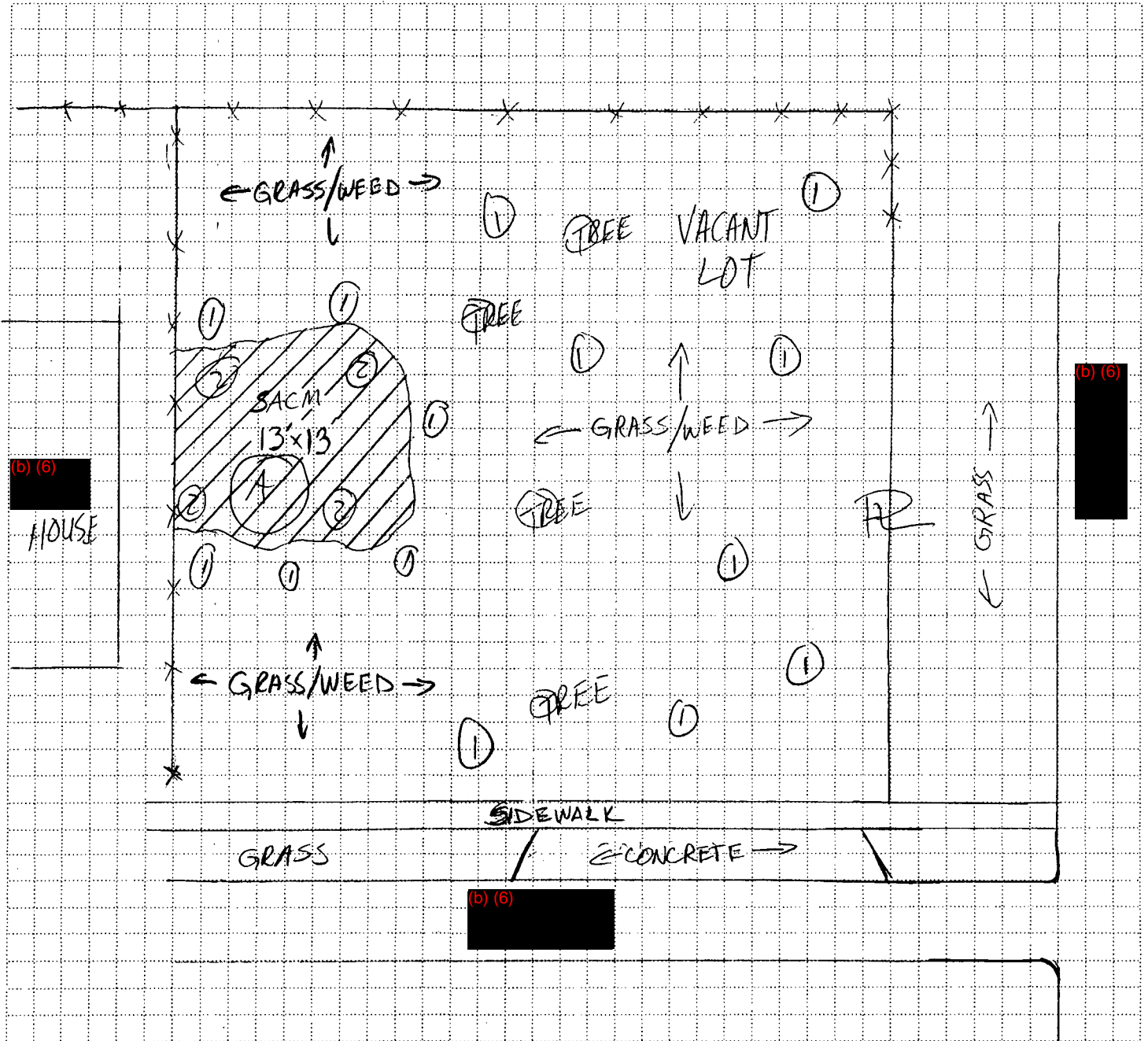
Gretna

TRACKING # 601

SITE SKETCH

ADDRESS: (b) (6)

UPDATED: 1 / 1



NOTES:

N (NTS)
↓

Acum is located in densely vegetated area (poison ivy):

#	COVER	THICKNESS
1	6" + sod/soil	4" SACM
2	—	—

RESTORATION:

A: sod/soil
B:
C:

05-0601-530

ARRIVAL:

DEPARTURE:

RESTORATION APPROVED BY: (b) (6)

Via Phone 01127 DATE: 7/31/97

TEAM: TT/SJ/DM JM 7/9

DATE: 6/26/97 005295 * FORWARD TO IT 7/1/97
9CW

05-0601-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Deena DePalma
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Wednesday, August 20, 1997

Ref Number: IN97861

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS601G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed		None Detected		30% Quartz 70% Other
WBS601G02		Brown Non-Fibrous Homogeneous	Crushed		2% Chrysotile < 1% Crocidolite		80% Quartz 18% Other
WBS601G03		Brown Non-Fibrous Homogeneous	Crushed		< 1% Chrysotile		80% Quartz 20% Other
WBS598G01		Brown Non-Fibrous Homogeneous	Crushed		< 1% Chrysotile < 1% Crocidolite		80% Quartz 20% Other
WBS598G02		Brown Non-Fibrous Homogeneous	Crushed		< 1% Chrysotile < 1% Crocidolite		30% Quartz 70% Other
WBS135G01		Brown Non-Fibrous Homogeneous	Crushed		< 1% Chrysotile < 1% Crocidolite		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "W of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.
Analysis performed by EMSL of Indianapolis (NDA AD 11-11-97, 1000-198-1)

3

05-0601-570

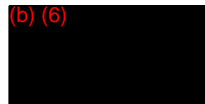
005297



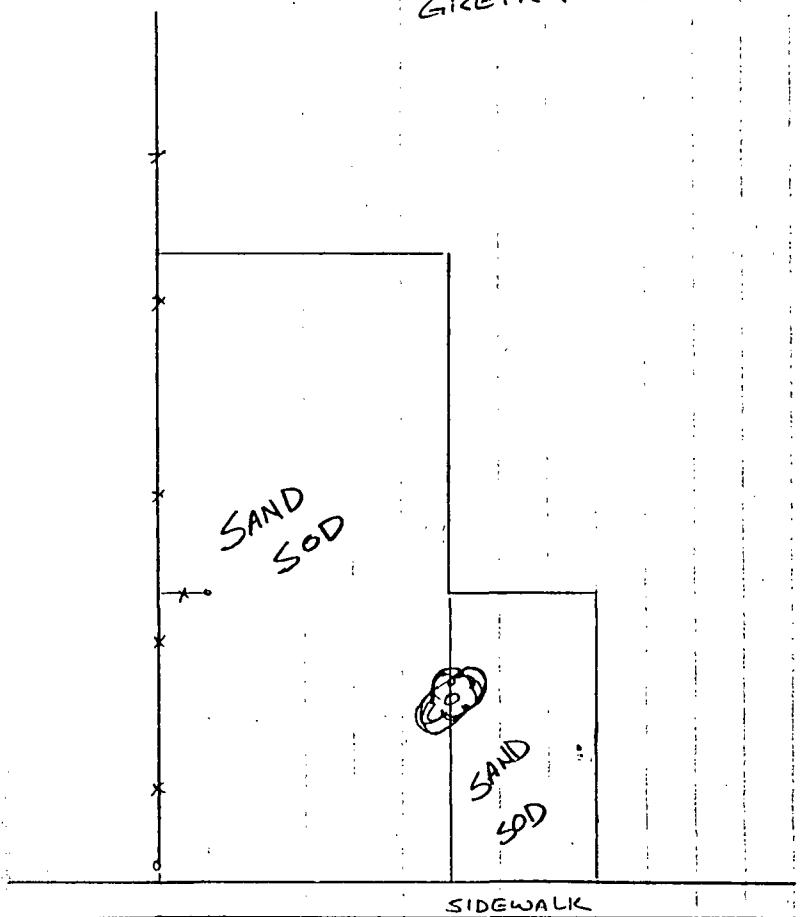
INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 8-16-97 Subject RESTORATION site # 601 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



GREYNA



05-0601-590

005298

WESTBANK ASBESTOS ABATEMENT
NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 601

"

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					256. ⁰⁰		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					48. ⁰⁰		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____
SUB 1 SIGNATURE _____
SUB 2 SIGNATURE _____

05-0601-590

005299

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors #3 Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane #3 685 Bridge City Avenue

City: Slidell #3 Bridge City State: LA Zip: 70458 #3 70094 Telephone #: (504)646-0039 #3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III.Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Jude E. Holyn 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Jude E. Holyn 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

1005300

05-0601-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE) ORIGINAL REVISED CANCELED			
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.	La. Contractor's License #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane			
City: Slidell	State: LA	Zip: 70456	
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:	State:	Zip:	
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) YES NO		Inspection Date: Jan. - Apr. 1996	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 610685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#601)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: ① Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		RACM to be Removed	Nonfriable Asbestos Material Not to be Removed
		Cat I	Cat II
		UNIT	
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 2
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/7/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/7/96	Complete: 12/21/96

005301

05-0601-550

DATE: 9/2/98
SITE #: 601

ADDRESS: (b) (6)

HOUSE
SHED

NA

	CHUNKS
	POWDER
	SLAB

[illegible]

NO ITEM
Donner Allie

vacant lot

TEAM MEMBERS: DA/ML

005302

05-0601-540

FIELD DATA SHEET 1

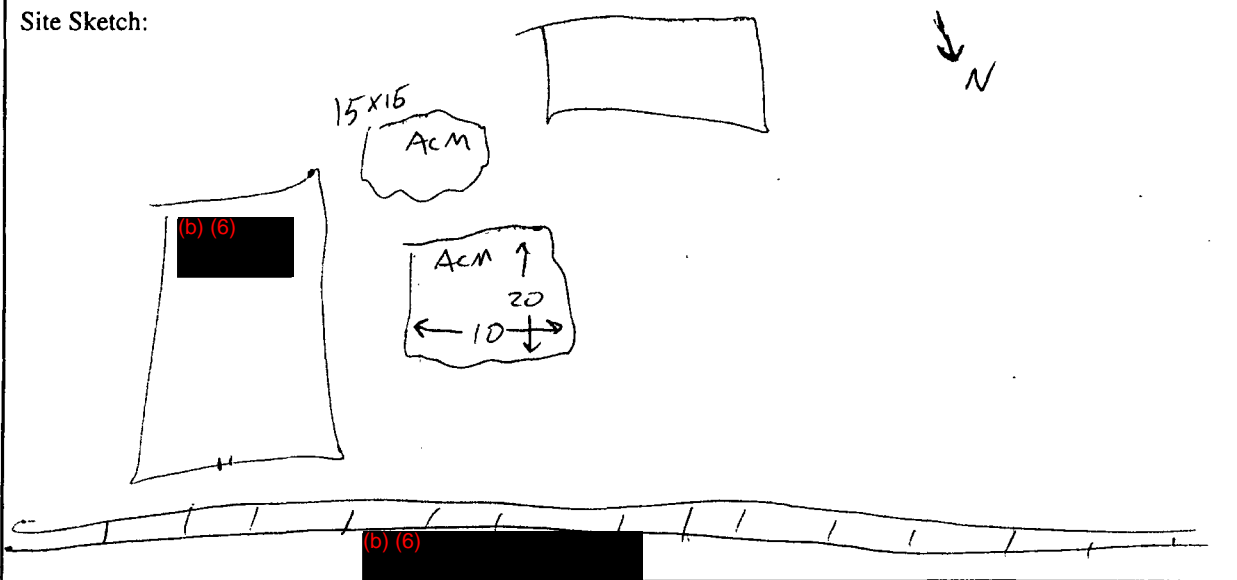
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>GREYNA, LA. 70053</u>	
Phone No. <u>(b) (6)</u>	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) <u>(Mother in law)</u>	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>None</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: Coordinate fill w/ ownerDate/Time of Interview: 10/9 - 9:45Access Granted (circle): yes noTeam Members: KJ/KS

005303

05-0602-510

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6) GRETNA
State/Zip: LA, 70053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/9/96
DATE

(b) (6)
SIGNATURE

Gretna

TRACKING #

602

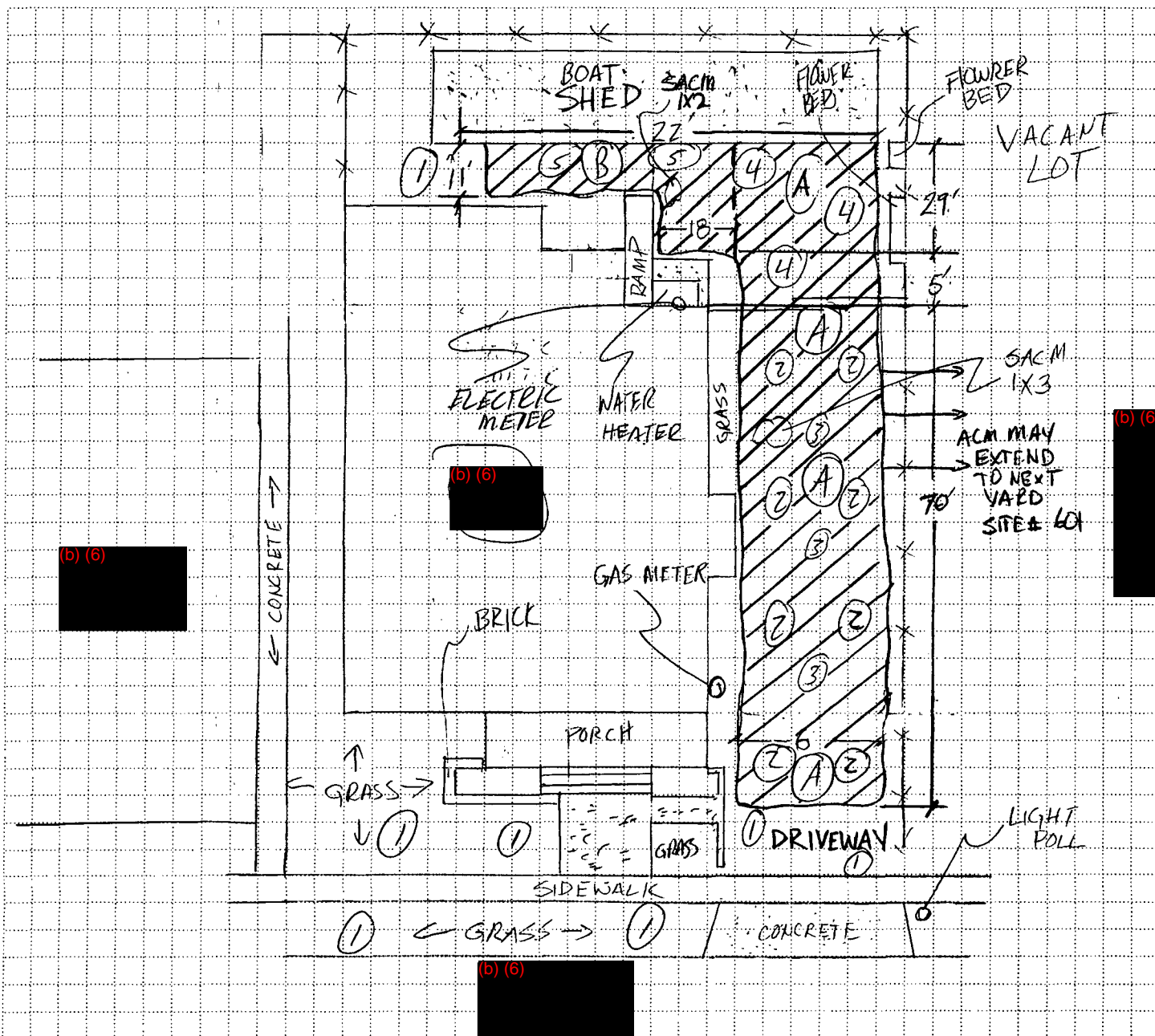
SITE SKETCH

ADDRESS:

(b) (6)

UPDATED:

/ /



NOTES:

N (NTS)



RESTORATION:

A: limestone
B: sod/soil
C:

ARRIVAL:

DEPARTURE:

#	COVER	THICKNESS
1	6" gravel/sod/soil	
2	3" sod/soil/gravel	3" ACM
3	4" sod/soil	2" ACM (tiles)
4	2" sod/soil	4" ACM
5	3" sod/soil	3" ACM

05-0602-530

RESTORATION APPROVED BY:

(b) (6)

DATE: 7-10-97

TEAM: TI/SS/DM JM7/2

DATE: 6-1-26-97

005305

TO IT 7-10-97

05-0602-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
 Indianapolis, Indiana 46250
 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Deena DePalma
 Ecology & Environmental
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Friday, August 01, 1997

Ref Number: IN97668

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS965G03	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other
WBS589G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other
WBS602G01		Brown/Grey Fibrous Heterogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other
WBS141G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected			40% Quartz 60% Other
WBS141G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected			40% Quartz 60% Other
WBS141G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski
 Analyst

Approved
 Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipe should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Deena DePalma
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Monday, August 04, 1997

Ref Number: IN97684

EMSL**POLARIZED LIGHT MICROSCOPY (PLM)**

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS141G09	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed		None Detected		20% Quartz 80% Other
WBS141G10		Brown Non-Fibrous Homogeneous	Crushed		None Detected		20% Quartz 80% Other
WBS602G02		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			40% Quartz 58% Other
WBS602G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other
WBS602G04		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			40% Quartz 58% Other
WBS140G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			40% Quartz 60% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method


Jane Wasilewski
Analyst


Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200185-0).

1

05-0602-570

005308

NOV-27-1996 17:18 FROM LDEQ HOTLINE RADIO ROOM TO

AIR P.01

LDEQ 24 HOUR NOTIFICATION HOTLINE

(504) 342-1234

HOTLINE CONTACT: Debra NoyesDATE REPORTED: 11/27/96TIME REPORTED: 4:11(use regular time notation, i.e. 8:00 AM)
AM
PM
(X in required boxes)SPILL INCIDENT / RELEASE ☒CITIZEN COMPLAINT ☐

(X in required boxes)

CALLER INFORMATION:

☐ Citizen☐ Anonymous☐ Industry☐ Government

If citizen is anonymous do not put name, address, or phone number on this form. If they want to be contacted may not be anonymous.

NAME: (b) (6)TITLE: (b) (6)COMPANY NAME: (b) (6)

(if industry)

Mailing address:

Street/PO Box: (b) (6)City/Town: ShreveportState: LAParish: Jefferson

(or both)

Zip code: (b) (6)Phone number: (b) (6)local (b) (6)☐ Caller is requesting a follow-up telephone call City/Town (or both)

NOTIFICATION INFORMATION

(X in required boxes)

☐ This is an emergency.☐ This is a drill.☐ State Police has been notified. (504)925-6595☐ National Response Center has been notified. (1-800-424-8802)

(X in required boxes)

☐ Coast Guard has been notified.☐ Local/parish hazardous/emergency response group been notified.☐ Other agencies: _____

SITE INFORMATION

Date of discharge: 11/26/96(use regular time notation, i.e. 8:00 AM)
(X in required boxes)Time discharge was noticed Beginning 7:00

AM

Ending _____

AM

MEDIA AFFECTED ☐ Soil

PM

(X in required boxes)

☐ Water (Name of water body) _____☐ Air (Wind speed and direction) _____

Weather conditions _____

SPILL / RELEASE INFORMATION

Quantity & Name of Product / material

solvent - 4 in thickness

Nature of problem

(For above complaints not involving this condition has been reported. If a day or more than use this information in determining if it can wait in next working day.)

demolished house next to bin; alot of dust

How was spill contained? _____

How was spill cleaned up? _____

Nature & extent of any reported injuries _____

Provide detailed instructions for reaching the site

(physical addr., bridge intersections, freeway milemarker, lat./lon., or township/range. For oil fields field number.)

(b) (6) - Shreveport, LA go over bridgebridge exit Milton st intersection on right2-3 blocks across from shopping mallReferred to: ☐ ER☐ SW☐ Water☐ Sec. off.

(Parent)

☐ HW☐ Air☐ IST☐ analDate faxed 11/27/96Time faxed 4:17

AM

PM

005309

05-0602-600

IAL P.01

TOTAL P.02

(b) (6)

DEMO 11-9-96
START @ 700 A.M.

FAX	DATE 12/2/96	PAGES 2	FROM MIGUE Y
TO MAGHE	CO. LADEQ	SOUTHEAST REGION	
CO.	PH#	504-471-2800	
FAX#	FAX#	504-471-2806	
MESSAGE			

005310

05-0602-600

NOTIFICATION OF DEMOLITION AND RENOVATION FORM FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE) ORIGINAL REVISED CANCELED			
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas		State: TX	Zip: 75202
REMOVAL CONTRACTOR: Quality Environmental Constr.		La. Contractor's License #: 26445	DEQ ID #: 7S00008
Address: 113 Ondine Lane			
City: Slidell		State: LA	Zip: 70456
Contact: Gerald Avery		Telephone: 504-646-0039	
OTHER OPERATOR:		DEQ Project Designer #:	
Address:			
City:		State:	Zip:
Contact:		Telephone:	
III. TYPE OF OPERATION (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) YES NO Inspection Date: Jan. - Apr. 1996			
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#602)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Gretna	State: LA	Zip: 70053	Parish: Jefferson
Site Location: On side of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		RACM to be Removed	Nonfriable Asbestos Material Not to be Removed
		Cat I	Cat II
		UNIT	
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 8
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/7/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/7/96	Complete: 12/21/96

005311

05-0602-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:

Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors ^{or} Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane ^{or} 685 Bridge City Avenue

City: Slidell ^{or} Bridge City State: LA Zip: 70458 ^{or} 70094 Telephone#: (504)646-0039
#3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Jude C. Kelgo 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Jude C. Kelgo 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005312

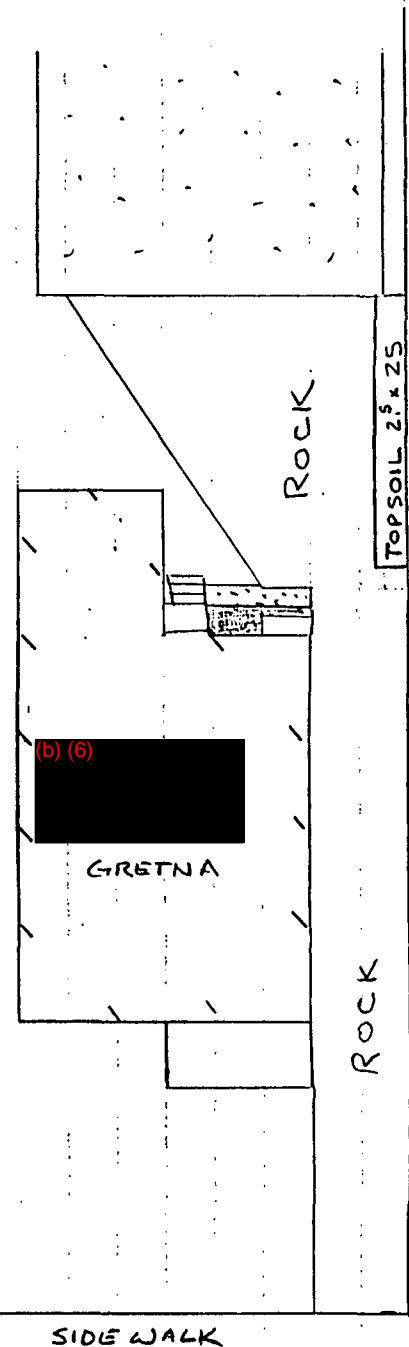
05-0602-550



INTERNATIONAL
TECHNOLOGY
CORPORATION

By PM Date 8-1-97 Subject RESTORATION SITE # 602 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____

NOTE: LINES ARE NOT PERFECTLY STRAIGHT
AS DRAWN. INSTALL ROCK IN STRAIGHT
LINES AND BACK FILL POCKETS WITH
SAND OUTSIDE OF ROCK.



05-0602-590

405313

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 602

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					159. ⁰⁰		
Gravel Installation (sq.yds.)							
4" Concrete Installation (sq. yds.)							
6" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					10. ⁰⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					50. ⁰⁰		
Sand (cu.yds.)					2. ⁰⁰		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)					3. ⁰⁰		
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

CLIENT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

05-0602-590

005314

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

9/2/98

ADDRESS:

(b) (6)

SITE #:

602

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:


12"

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	<u>skirted</u>

TEAM MEMBERS:

DA/ML

05-0602-540

005315

FIELD DATA SHEET 1

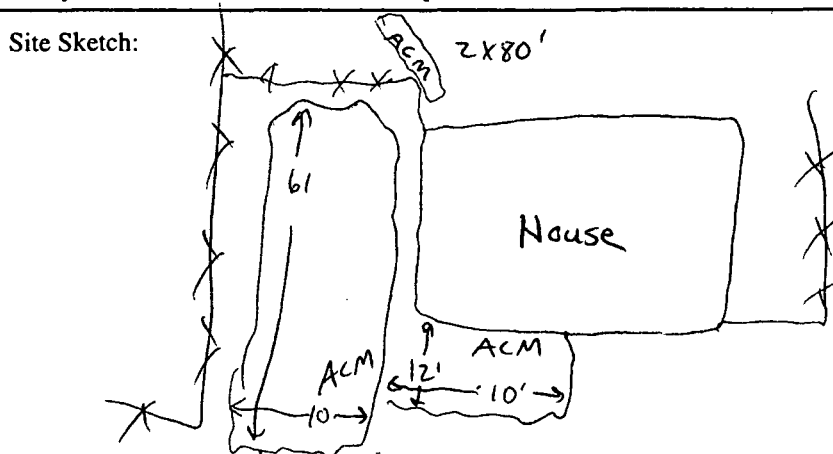
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Gretna, LA 70053</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; <u>gate</u> ; <u>dogs</u> ; other <u>None</u> resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; <u>no</u> ; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



$610 \text{ ft}^2 + 160 \text{ ft}^2 + 120 \text{ ft}^2$

Estimated Volume of ACM: 890 ft²

Comments: (b) (6) crushed limestone with edging for driveway and front. Use dirt with grass for back of house 10/14/96 9:30 a.m. m.d.in

Date/Time of Interview: 10/9 10:05 Access Granted (circle): yes; no

Team Members: KJ/KS

005316

05-0603-510

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address:	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant (b) (6) (b) (6) daughter owns it now (b) (6) father	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; <u>gate</u> ; <u>dogs</u> ; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other <u>NA</u> Note location on site sketch.
4) Is any underground ACM present? (circle): yes; <u>no</u> ; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:

Estimated Volume of ACM: _____

Comments: gave another access agreement to (b) (6) to give to the daughter
(b) (6) crushed limestone broken
wedging for driveway and front of house. Dirt & grass for backyard. 10/14/96 9:30 m dir

Date/Time of Interview: 10:46 / Access Granted (circle) yes; no

Team Members:

005317

05-0603-510

FIELD DATA SHEET 1

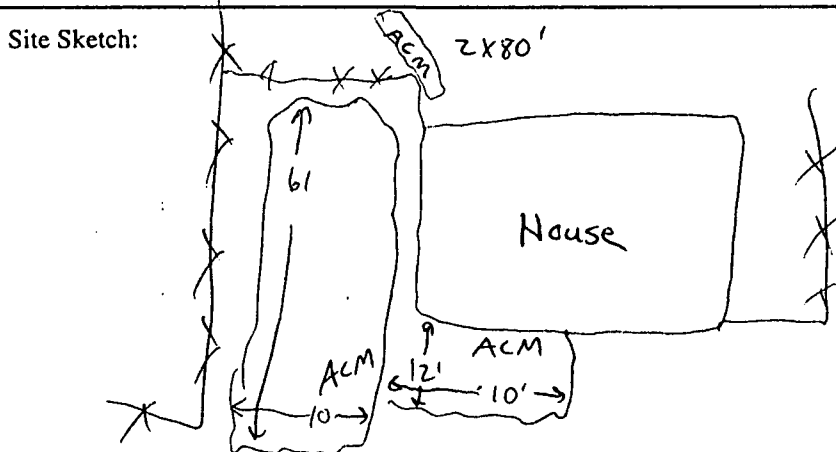
Site Information:

Occupant:	(b) (6)	Interviewee:	(b) (6)
Address:	Gretna, LA 70053		
Phone No.:	(b) (6)		
Owner Name, Address, and Phone No. if Different Than Occupant:	(b) (6)		

Site Description:

1) Description of property (circle):	single home;	duplex;	business;	school;	daycare;	church;	vacant house;	vacant lot;	other
2) Problems accessing yards (circle):	locked gate;	gate;	dogs;	other	None				
3) Underground utilities installed by owner? (circle):	no;	water;	gas;	electric;	cable TV;	septic tank;	other	Note location on site sketch.	
4) Is any underground ACM present? (circle):	yes;	no;	don't know	If yes, note on site sketch. How deep?					

Site Sketch:



$$610 \text{ ft}^2 + 160 \text{ ft}^2 + 120 \text{ ft}^2$$

Estimated Volume of ACM: 890 ft³

Comments: (b) (6): crushed limestone with edging for driveway and front. Use dirt with grass for back of house 10/19/96 9:30 a.m. m.d.in

Date/Time of Interview: 10/9 10:05 Access Granted (circle): yes;

Team Members: KJ/KS

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: LA 90053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

Sept. 12, 1996
DATE

(b) (6)

SIGNATURE

(b) (6)

005319

05-0603-520



FORWARDED TO IT Corp and USACE 3/17/97

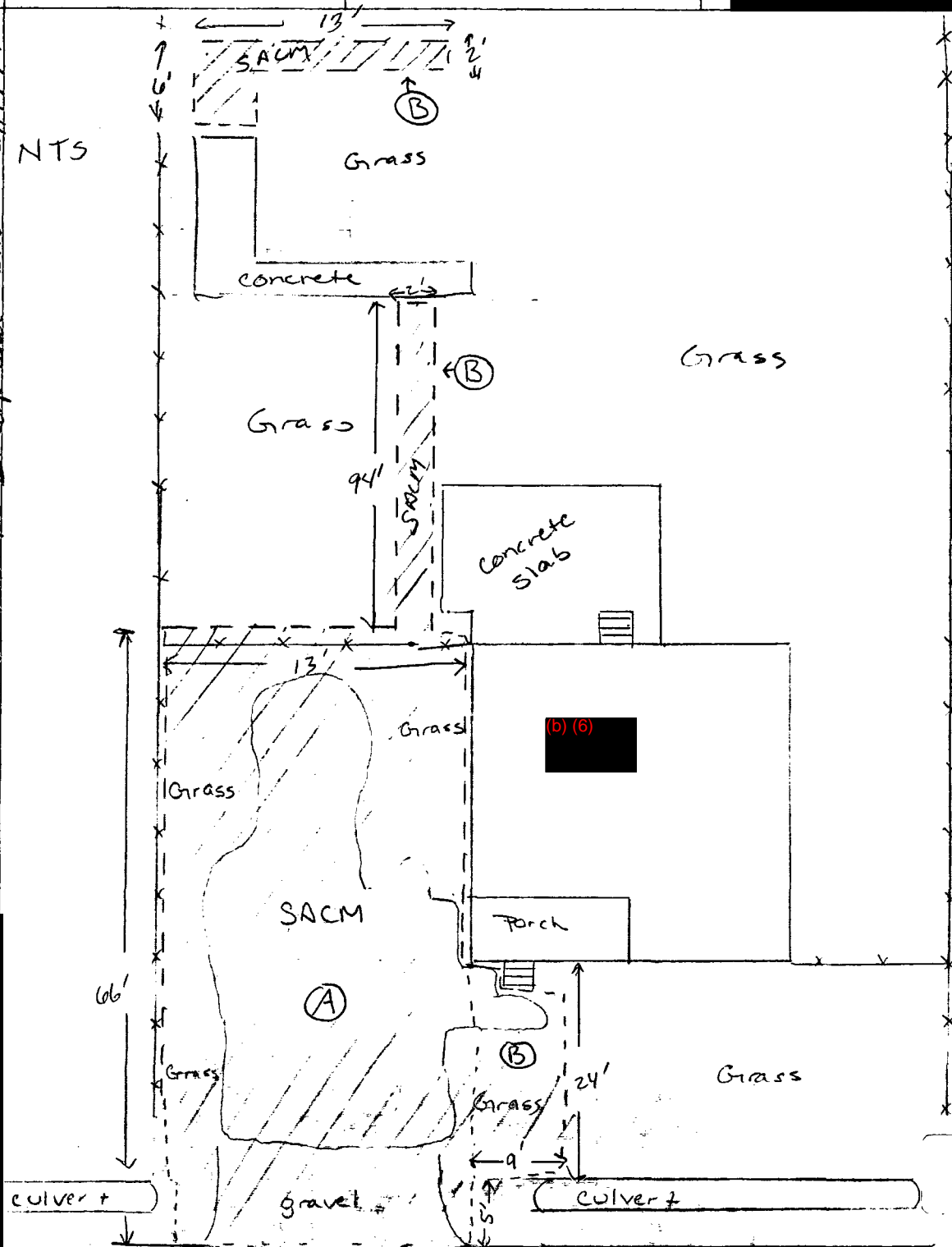
Site # 603

Site Sketch

(b) (6)

Shelma

NTS



05-0603-530

(b) (6), Shelma

Excavate entire area all visible/max 6"
then we will evaluate
transition area JM

Notes: > 50% exposed in driveway

Remediation/Restoration:

- Area A - Concrete - 66' X 13' - remove binder, geoline, concrete
- Area B - Soil / SOD - remove all visible not to exceed 1 foot, geoline, soil

TAN 1/21/97

* spoke w/owner: approves restoration

Owner lives @ Adon

(b) (6)

005320

Kimi Brodeur
1/25/97

OVER

1042 - STANT, Riquin and Carter inspected the sidewalk along
the broken concrete path, STANT saw small pieces along
wall as reported to USA COE White.

005321

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 603

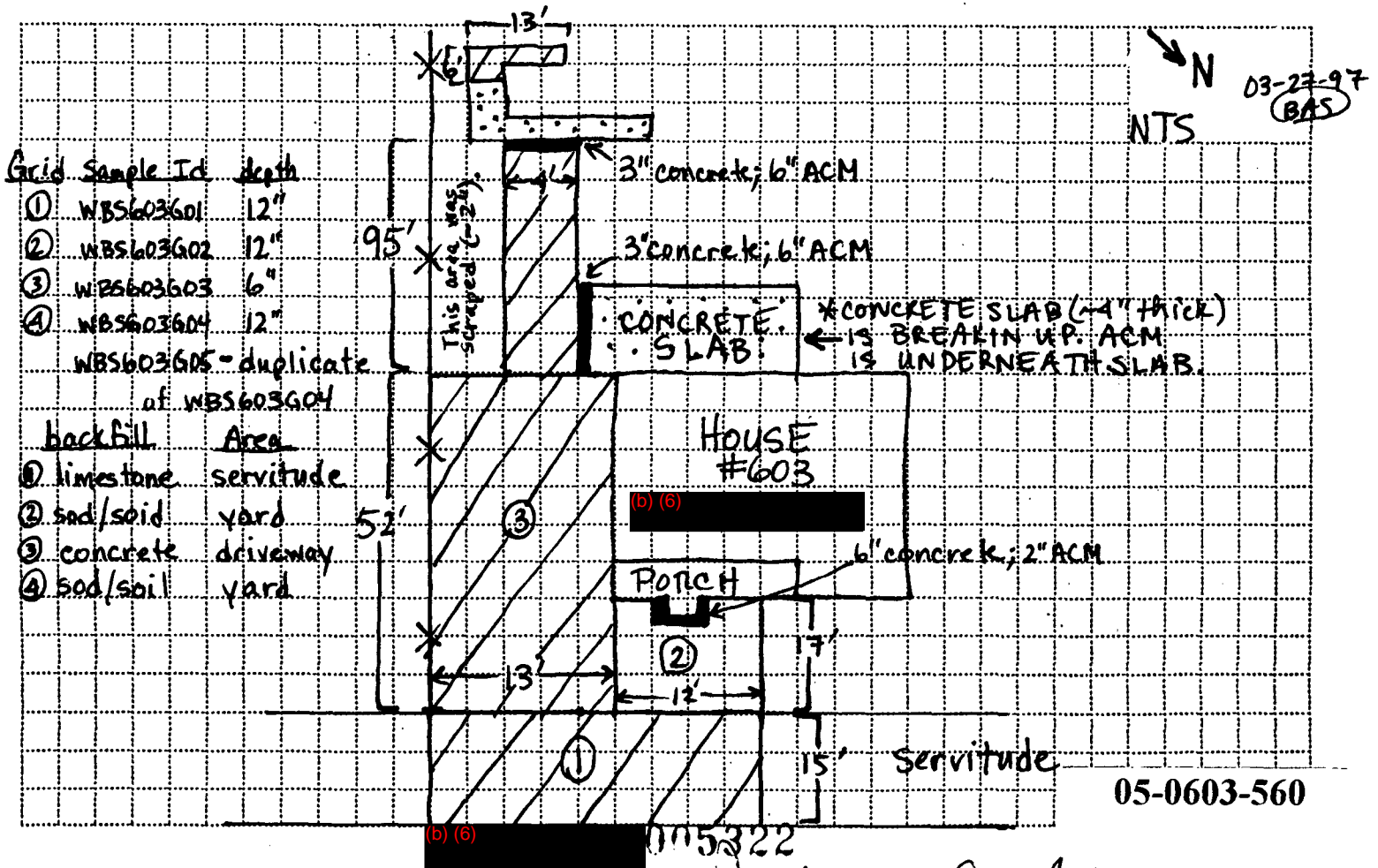
ADDRESS: (b) (6)
Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO ANALYTICAL RESULTS RECEIVED AS OF 03-27-97 BAS
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 6 7 8

A. PROCEED WITH RESTORATION: ☒ ☒ ☒ ☒ ☐ ☐ ☐

B. FURTHER ACTION NECESSARY: ☐ ☐ ☐ ☐ ☐ ☐ ☐



AUTHORIZED EPA/START REPRESENTATIVE

Barbara A. Storey

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 603

ADDRESS: (b) (6)

Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO ANALYTICAL RESULTS RECEIVED AS OF 03-27-97 (BAS)
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 6 7 8

A. PROCEED WITH RESTORATION:

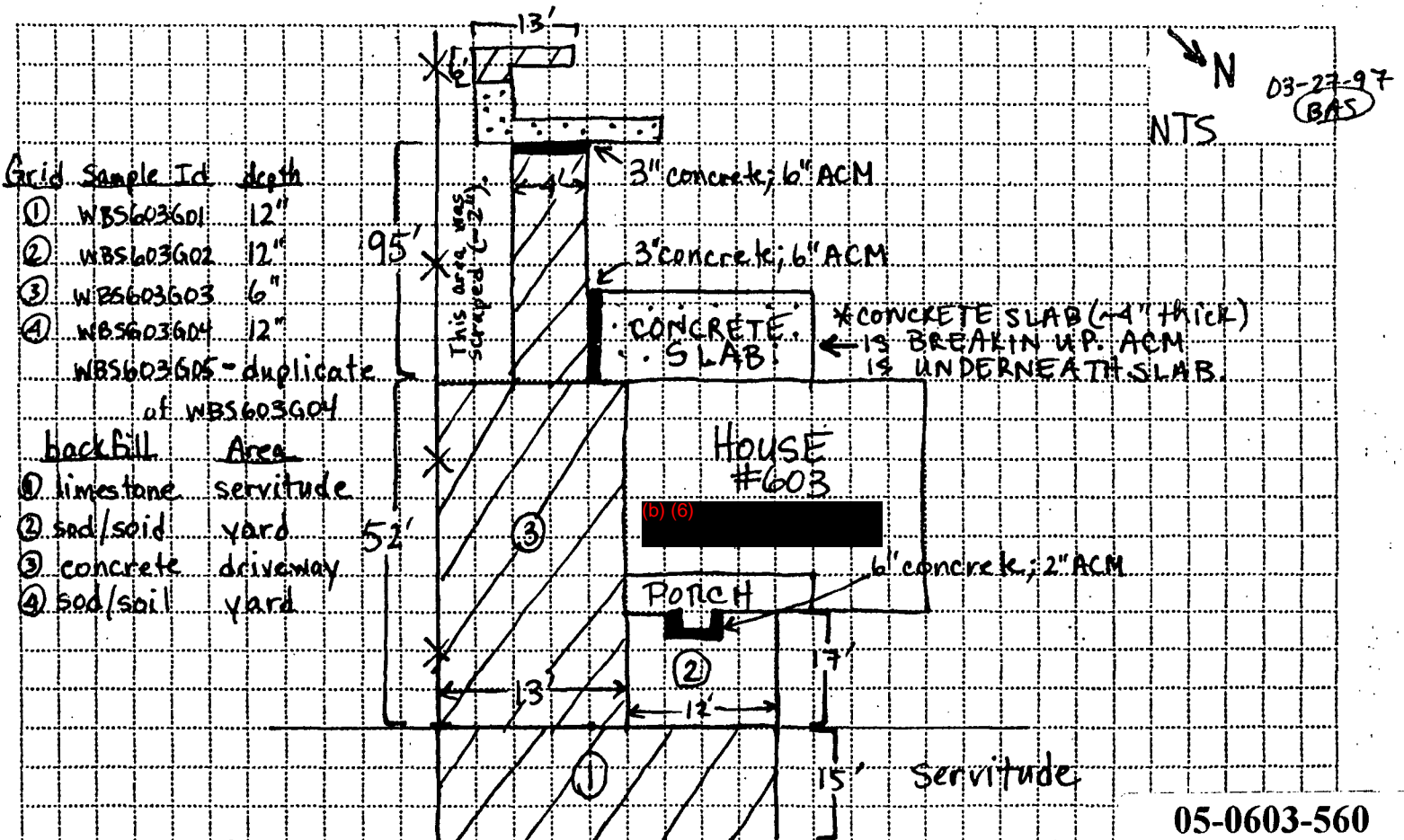
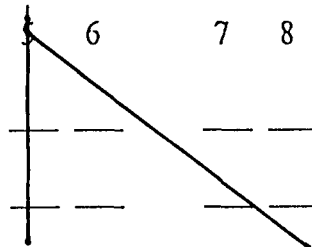
✓ ✓

✓ ✓

B. FURTHER ACTION NECESSARY:

— —

— —



05-0603-560

AUTHORIZED EPA/START REPRESENTATIVE

005323
Barbara A. Storey

Westmont, NJ 609-558-4900	Piscataway, NJ 908-981-4650	Carle Place, NY 516-987-7251	Manhasset, NY 212-230-0052	Seattle, WA 206-233-9007	Ann Arbor, MI 313-483-0510	San Mateo, CA 415-579-5401	Smyrna, GA 404-333-9090	Greensboro, NC 910-297-1487	Houston, TX 713-684-3635
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EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, April 01, 1997

Ref Number: TX971062

POLARIZED LIGHT MICROSCOPY (PLM)**Project: WESTBANK ASBESTOS PROJECT**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS603G01	(b) (6)	Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS603G02		Brown Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS603G03		Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS603G04		Brown Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS603G05		Brown Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS096G01		Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.
Analyst

Approved
Signature

05324

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

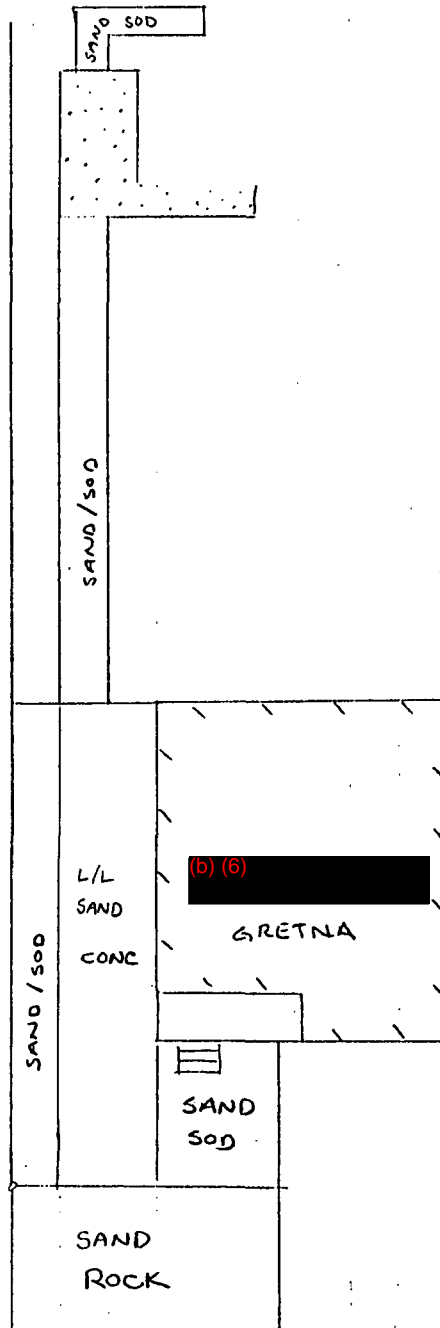
05-0603-570



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 4-1-97 Subject RESTORATION site # 603 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



05325

05-0603-590

WESTBANK ASBESTOS ABATEMENT

NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 603

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					43. ⁰⁰		
Sod Installation (sq.yds.)					102. ⁵⁰		
6" Concrete Installation (sq. yds.)					55. ⁵⁰		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					145. ⁰⁰		
Lower Lift Sand					55. ⁵⁰		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					10. ⁰⁰		
Sand (cu.yds.)					36. ⁰⁰		
Concrete (cu.yds.)					9. ⁵⁰		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

005326

05-0603-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/27/98
SITE #: 0603

ADDRESS: (b) (6)

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<i>No ACM</i>	_____

TEAM MEMBERS: PLL/MTL

005327

05-0603-540

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Algiers, LA, 70114</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): single home; <u>duplex</u> ; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; <u>dogs</u> ; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): <u>yes</u> no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:

Estimated ^{area} Volume of ACM: <u>50 ft²</u>	
Comments: <u>11-20 left access agreement w/ (b) (6) house; JM/AR, 11:00</u> <u>Backfill: ① limestone, ② soil/sod</u>	
Date/Time of Interview: <u>11/21- 0945</u>	Access Granted (circle): <u>yes</u> no
Team Members: <u>JM/AR</u>	

604

CONSENT FOR ACCESS TO PROPERTY

WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

Alaiers

State/Zip: LA 70114

Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11/21/96
DATE

(b) (6)
SIGNATURE

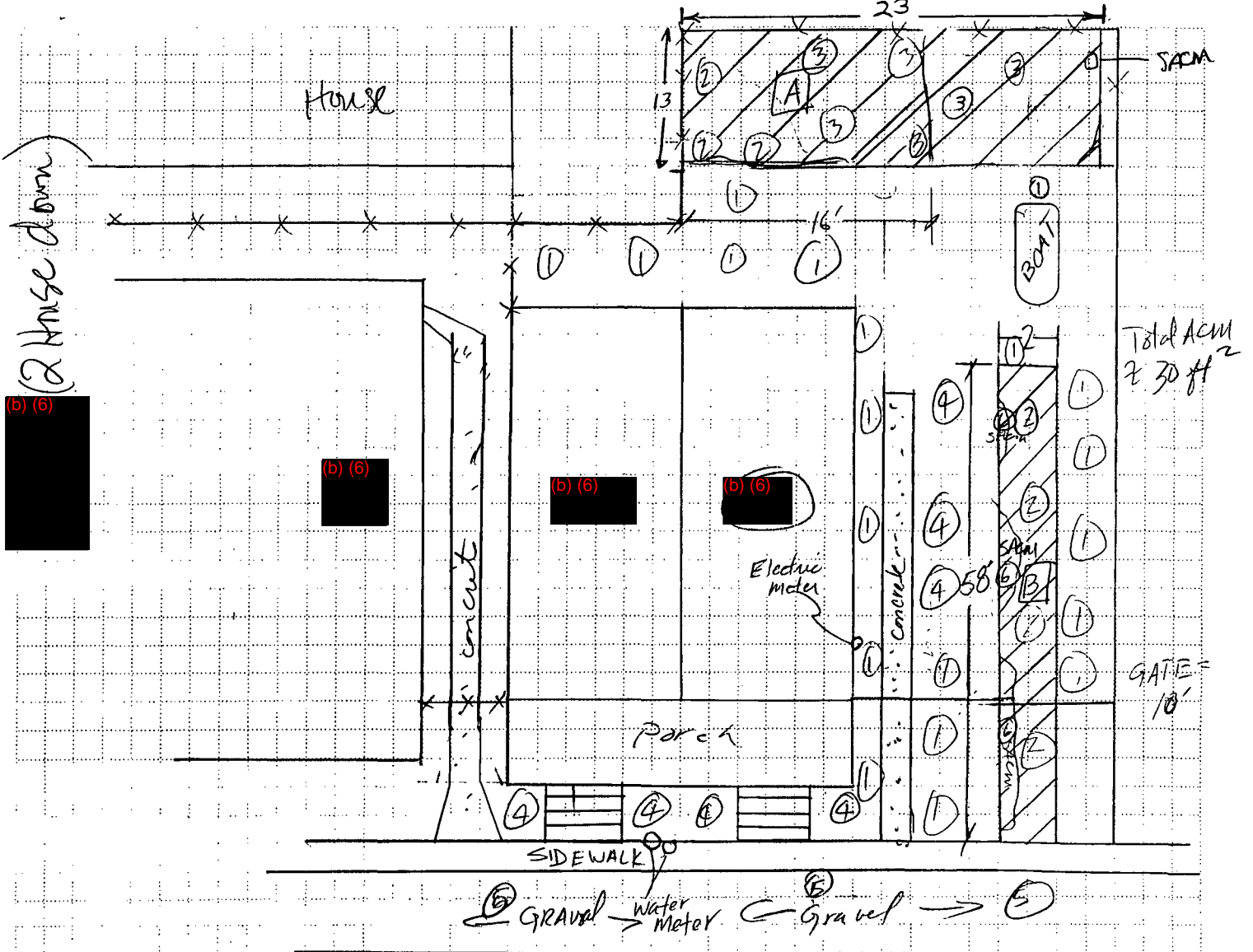
TRACKING # 1004

SITE SKETCH

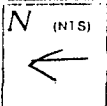
ADDRESS: (b) (6)

Algiers

UPDATED: 8/17/97



NOTES:



OWNER WANTS SAND/SOD
IN ALL AREAS. NO LIMESTONE

RESTORATION: A: soil/sand
B: ~~limestone~~ GR SAND/SOD
C:

ARRIVAL: 230
DEPARTURE: 305

RESTORATION APPROVED BY: (b) (6)

TEAM: TT/JO/BAS 2m 7/9

DATE: 6.30.97 005330

DATE: 8/1/97
TO IT 8/7/97

#	COVER	THICKNESS
1.	SOD/SOIL 6"	
2.	SOD/SOIL 3"	3 ACM
3.	Mud 3"	4 ACM
4.	Mud 6"	
5.	Gravel 6"	
6.		8" SACM

01-0604-530

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 604

ADDRESS: (b) (6)
Algiers, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 09-02-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

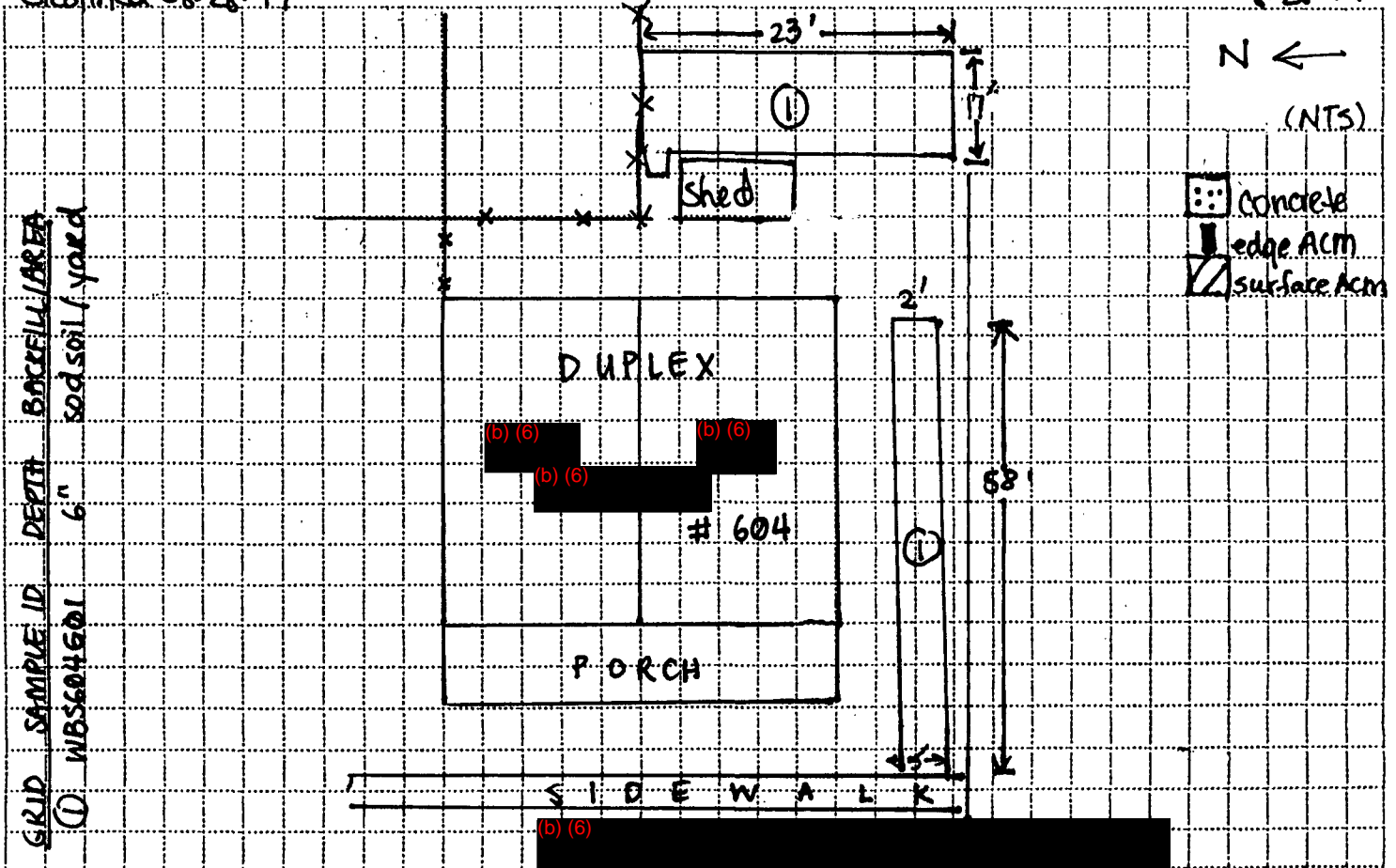
GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒

B. FURTHER ACTION NECESSARY: ☐

Geolined 08-28-97

8-28-97



005331

01-0604-560

AUTHORIZED EPA/START REPRESENTATIVE Alma T. Rullera

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
 Indianapolis, Indiana 46250
 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Alma Rillera
 Ecology & Environmental
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Tuesday, September 02, 1997

Ref Number: IN97961

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS604G01	(b) (6)	Brown	Crushed	< 1%	Chrysotile		80% Quartz
		Non-Fibrous		< 1%	Crocidolite		20% Other
		Homogeneous					
WBS610G01		Brown	Crushed	< 1%	Chrysotile		80% Quartz
		Non-Fibrous					20% Other
		Homogeneous					
WBS1050G01		Brown	Crushed	< 1%	Chrysotile		80% Quartz
		Non-Fibrous					20% Other
		Homogeneous					
WBS1050G02		Brown	Crushed	2%	Chrysotile		80% Quartz
		Non-Fibrous		< 1%	Crocidolite		18% Other
		Homogeneous					
WBS740G01		Brown	Crushed	< 1%	Chrysotile		80% Quartz
		Non-Fibrous		< 1%	Crocidolite		20% Other
		Homogeneous					
WBS740G02		Brown	Crushed	< 1%	Chrysotile		80% Quartz
		Non-Fibrous		< 1%	Crocidolite		20% Other
		Homogeneous					

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips
 Margaret Phillips
 Analyst

Robert L. Harding
 Approved
 Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

005332

01-0604-570

FORM AAC-2 REV 5/12/95

005333

01-0604-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane		685 Bridge City Avenue	
City: Slidell	Bridge City	State: LA	Zip: 70458 70094
			Telephone#: (504)646-0039 #3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)			
Location: 5800 Avondale 90 West			
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

(Signature of Owner/Operator/Contractor) 10-12-96

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

(Signature of Owner/Operator/Contractor) 10-12-96

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005334

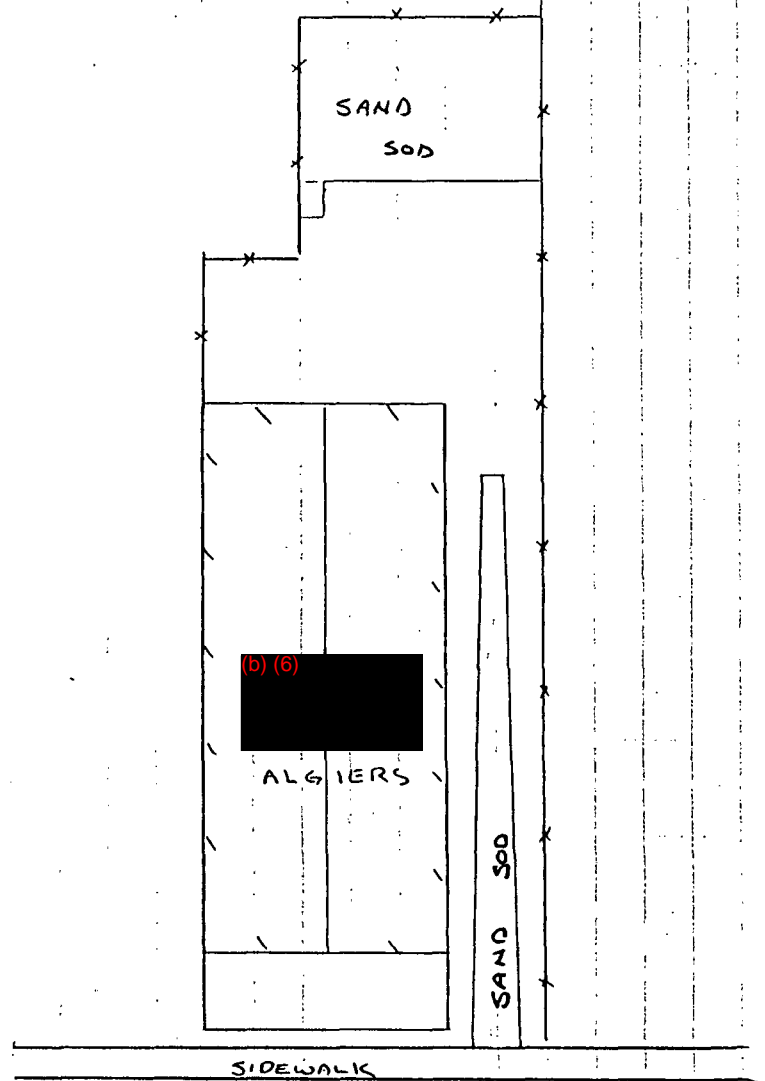
01-0604-550



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 8-28-97 Subject RESTORATION SITE # 604 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



01-0604-590

005335

WESTBANK ASBESTOS ABATEMENT

NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 604

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					75.50		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					75.50		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					18.8		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

005336

01-0604-590

TELEPHONE INQUIRY LOG

DATE: 7-Aug TIME: 11:30

NAME OF RESIDENT OR OWNER:

(Circle one)

(b) (6)

SITE#: 604

HOME/WORK PHONE NUMBER:

(b) (6)

/

ADDRESS:

(b) (6)

CITY: Algiers

ZIP CODE: 70114

TYPE: (Circle one)

HOME

BUSINESS

SCHOOL

PARK

VACANT LOT

OTHER _____

COMMENTS OR COMPLAINTS:

spoke with Mike ~~was told~~ that he would get limestone in driveway
he does not want limestone in yard - ~~not~~ wanted to know what
other options are.

RESOLUTION: TO: START TEAM

01-0604-600

005337

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/21/98
SITE #: 0604

ADDRESS (b) (6)
Algiers

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

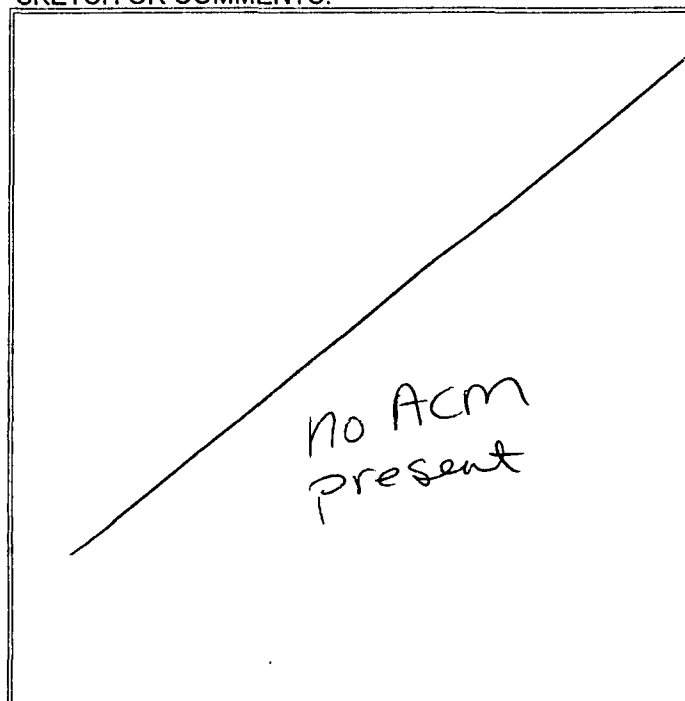
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

 <p>No AcM present</p>	_____

TEAM MEMBERS: JS & EW

01-0604-540

005338

FIELD DATA SHEET 1

Site Information:

Occupant: <u>Produce Market</u>	Interviewee: <u>Dennis</u>
Address: <u>1628 Barataria Blvd., Marrero</u>	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant: <u>Business Address</u> Bus (SAI) <u>278-8358</u> <u>Dennis Laundry (Plumber Superintendent)</u> Post Engineers FAX (SAI) <u>278-8359</u> <u>347-3119</u> <u>Super: 551-8744</u> State of Louisiana Dept. <u>Bldg #309 Jackson Barracks, New Orleans</u>	

70746

Site Description:

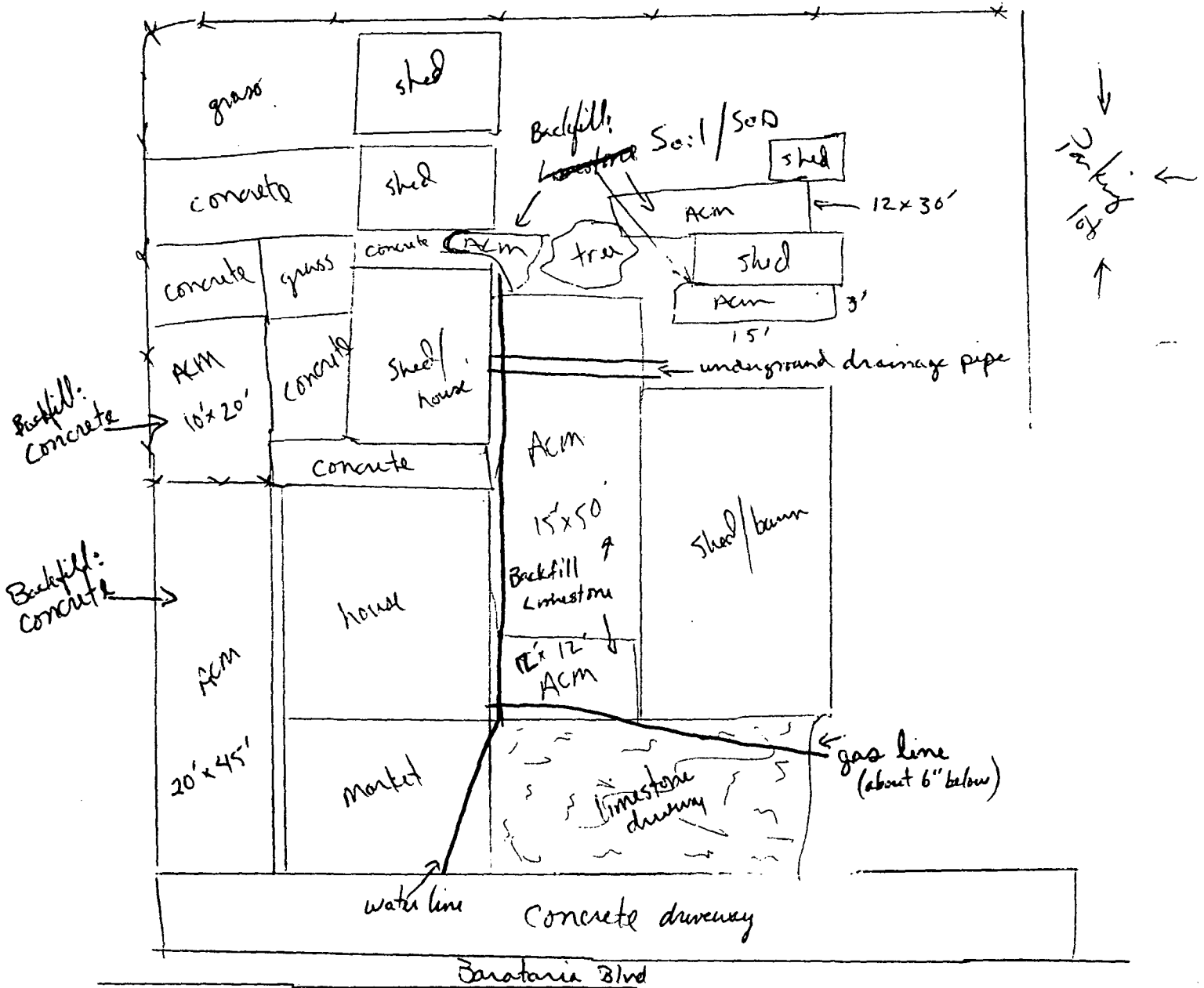
1) Description of property (circle): <u>(single home)</u> ; duplex; <u>(business)</u> ; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; <u>(gate)</u> ; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other <u>see sketch for utilities</u> Note location on site sketch.
4) Is any underground ACM present? (circle) <u>(yes)</u> ; no; don't know If yes, note on site sketch. How deep? <u>everywhere</u>

Site Sketch:	
--------------	--

Estimated Volume of ACM: <u>40 yd³ + 45 yd³ = 85 yd³</u>	
Comments: <u>ACM is everywhere ; call to get backfill concrete + limestone (see sketch)</u> <u>BFA</u>	
Date/Time of Interview: <u>12/10 17:08</u>	Access Granted (circle): <u>(yes)</u> no
Team Members: <u>TC/ml</u>	

RESTORATION

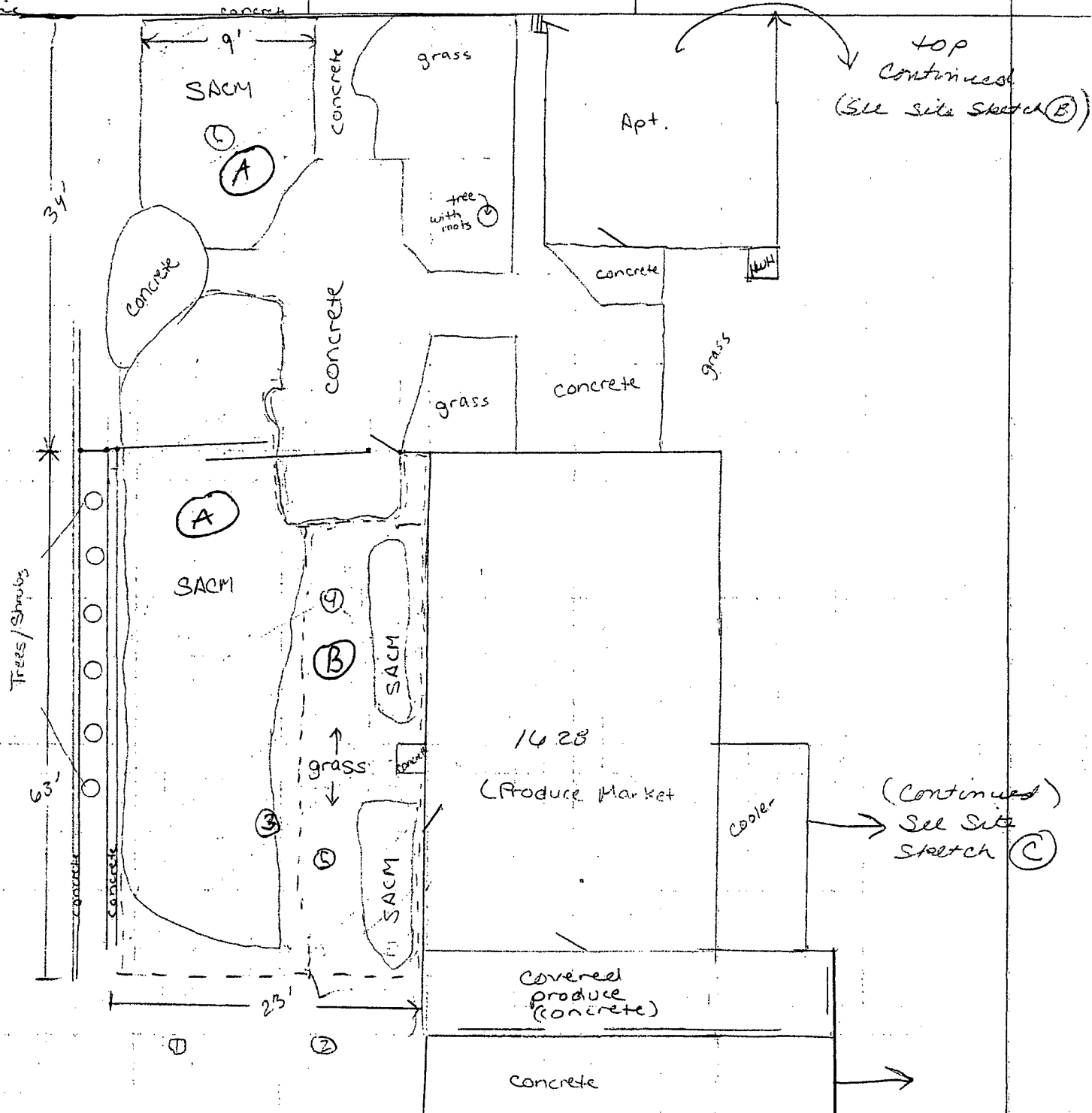
Site sketch
tracking # 605



00534D

07-0605-590

900
144
750
200
45
360
1299
2299 ft²



match done

Notes: 3/25/97 @ 1:50, I talked w/ Mr Landry
via phone call about scheduling &
restoration verbally approved as
I marked the

① Concrete ② Limestone

#	cover	thickness
①	1	1
②	1	1
③	0	3
④	3/4	4 1/2
⑤	3/4	3
⑥	1	3

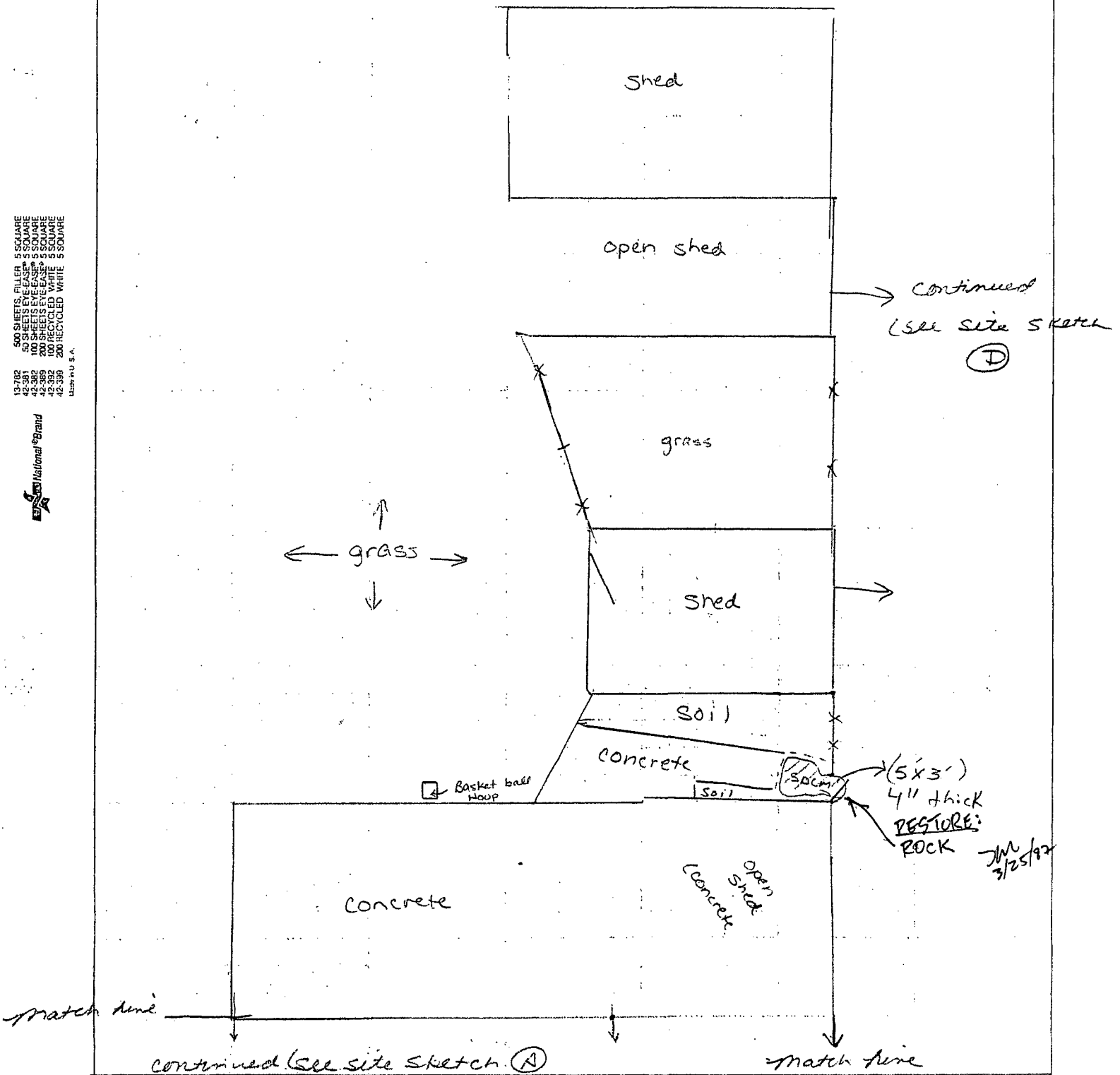
Thodey / Johnson / Esterling

00534\

07-0605-530

③

Export National Brand



$\begin{matrix} \rightarrow \\ N \\ (NTS) \end{matrix}$

Notes

cover thickness

005342

07-0605-530

Site # 605

Site Shock

1428 Banatara Blvd.,

7/2/2014

SACM

15' _____
Junk
car

top continues
(See site sketch (D))

RESTORE:

② ROCK

③ so: replace as functional equivalent under oak tree

MM 3/25/97

六

(5)

SACM

Not.

Produce Market

Cooler
CSACM
extends
under trailer

covered
produce
(concrete.)

Concrete

concrete

match line

07-0605-530

Notes:

Cover thickness

①	-	-
②	-	-
③	-	-
④	0	5
⑤	0	5
⑥	-	-
⑦	-	-

005343

1628 Banatana Blvd,
-Mall-10

5 need

Open
Sheet

[illegible]

Match line

Continued
(see site sketch (c))

Notes:

Continued

#	cover	thickness
①	—	—
②	—	—
③	—	—
④	—	—
⑤	$\frac{1}{2}$	3

RESTORE: SOD
JMU 3/25/97

005344

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: Dennis H. Landrey
Property's Address: 1628 Barataria Blvd, Marrero
State/Zip: La 70072 Phone Number(s): 347-3119
551-8744 before

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96

DATE

Dennis H. Landrey
SIGNATURE

07-0605-520

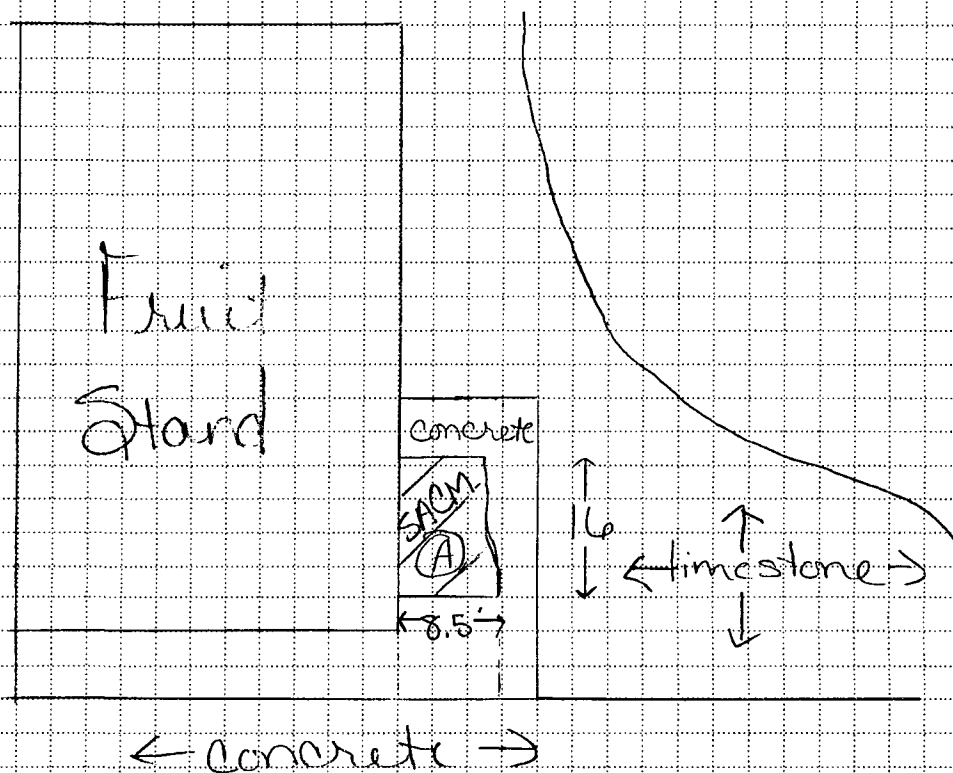
(Pipe for sheet to ^{storage} bldg)
can come down.

Sal Barcelona.

TRACKING # 605 phase II SITE SKETCH

ADDRESS: 1628 Barstow, MA

UPDATED: / /



NOTES:

N (NTS)

RESTORATION: A: encapsulate ACM
B: ~~W/ concrete~~
C: ~~remove w/ rebar~~

ARRIVAL:

DEPARTURE:

RESTORATION APPROVED BY: *Turner*

DATE: 10/15/97

TEAM: AL / DB JM 10/10/97 DATE: 10-9-97

2077 10/15/97

005346

[illegible]

WESTBANK ACM REMOVAL PROJECT

SAMPLE ANALYSIS CONFIRMATION

USEPA START TEAM

FYI:

SITE# 605

ADDRESS: 1628 Barataria Blvd
Marrero, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 4/8/97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8 9

A. PROCEED WITH RESTORATION:

✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

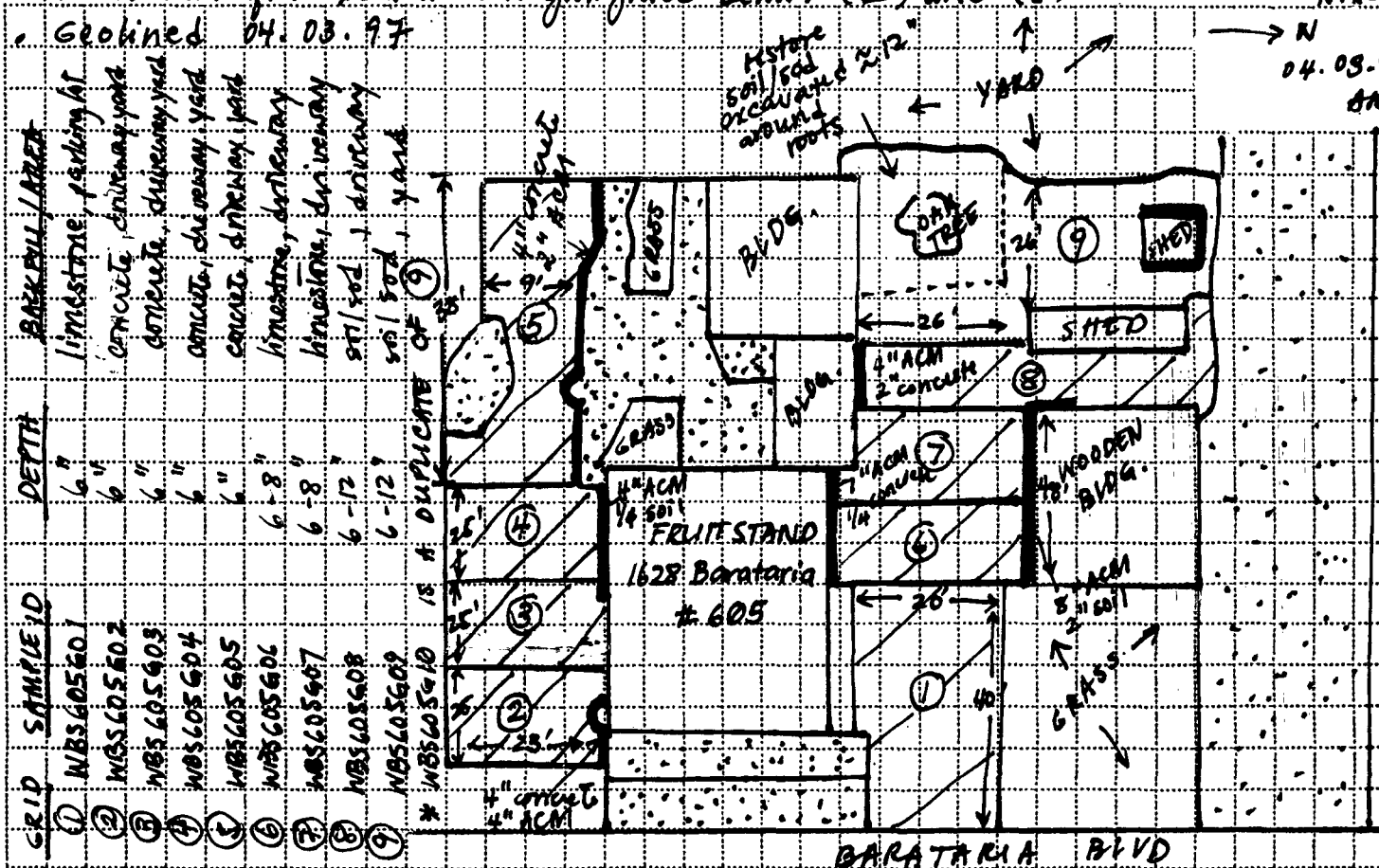
B. FURTHER ACTION NECESSARY: — — — — — — — — —

• VISIBLE ACM after excavation highlighted below: (2) and (8)

• Geotined 04.03.97

N.T.S.

04.03.97
AR



005347

AUTHORIZED EPA/START REPRESENTATIVE

Laurence Hood

07-0605-560

Westwood, NJ 608-653-4800 Hickman, NJ 908-881-0550 Carlo Place, NY 516-977-7251 Manhattan, NY 212-290-0062 Seattle, WA 206-233-9007 Ann Arbor, MI 313-668-8610 San Diego, CA 415-570-5401 Spokane, WA 509-323-0086 Overland Park, MO 913-287-1457 Houston, TX 713-682-3835

EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Wednesday, April 02, 1997

Ref Number: TX971085

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 070601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS105G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS105G02		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS105G01	605/1628 BARATARIA BLDG, MA	Brown Fibrous Homogeneous	Teased	2% Chrysotile			98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez,
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

005348

07-0605-570

Monterey, CA	Placentia, CA	Carle Place, NY	Marshall, NY	Seattle, WA	Ann Arbor, MI	San Mateo, CA	San Jose, CA	Greensboro, NC	San Antonio, TX
408-571-1800	908-961-8558	516-967-7251	212-230-0052	206-323-8007	313-866-6810	415-570-5401	408-333-8808	910-297-1487	712-888-3635

EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Monday, April 07, 1997

Ref Number: TX971142

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS605G06	605: 1828 BARATARIA, NA	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS605G07	605: 1828 BARATARIA, NA	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS605G08	605: 1828 BARATARIA, NA	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS605G09	605: 1828 BARATARIA, NA	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS605G10	605: 1828 BARATARIA, NA	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS116G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "No. of Layers" refers to number of separable subsamples.

Carlos D. Salinas
Analyst

Approved
Signatory

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005349

07-0605-570

Westmont, NJ 973-833-4800	Placerville, NJ 908-861-0580	Carle Place, NY 516-987-7251	Manhasset, NY 212-388-0062	Seattle, WA 206-233-0007	Ann Arbor, MI 313-568-6810	San Mateo, CA 415-570-6401	San Jose, CA 408-333-8088	Bloomington, IN 317-297-1457	Madison, WI 713-888-3235
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Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Friday, April 04, 1997

Ref Number: TX971123

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS110G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile Crocidolite		100% Other
WBS110G02	(b) (6)	Brown Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS605G01	605: 1628 BARATORIA, MA	Brown Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS605G02	605: 1628 BARATORIA, MA	Brown Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS605G03	605: 1628 BARATORIA, MA	Brown Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS605G04	605: 1628 BARATORIA, MA	Brown Non-Fibrous Homogeneous	Teased		None Detected		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.
Analyst

Approved
Signatory

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1

07-0605-570

005351

Westwood, NJ 909-858-4800 Parsippany, NJ 908-981-0800 Carlo Place, NY 516-987-7251 Mahwah, NY 212-286-0063 Seattle, WA 206-233-9007 Ann Arbor, MI 313-666-6810 San Mateo, CA 415-570-5401 Aspyre, MI 404-333-4000 O'Fallon, IL 815-297-1487 Houston, TX 713-688-3625

EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Wednesday, April 02, 1997

Ref Number: TX971086

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm ³	fibers/cc
WBAG05LF1 645 WBAG05LF1	605: 1628 BARRATARIA, MA	3/31/97	939.00	4.5	100	0.0029	5.73	<LOD
WBAG05LF3 645 WBAG05LF3	605: 1628 BARRATARIA, MA	3/31/97	974.00	6.0	100	0.0028	7.64	0.0030
WBAG05LF5 645 WBAG05LF5	605: 1628 BARRATARIA, MA	3/31/97	965.00	2.0	100	0.0028	2.55	<LOD
WBABL 605: 1628 BARRATARIA, MA BLANK		3/31/97	0.00	3.5	100		4.46	

Steven Duhan
Steven Duhan
Analyst

Approved
Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm³ and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.
Analysis performed by EMSL of Houston.

005352

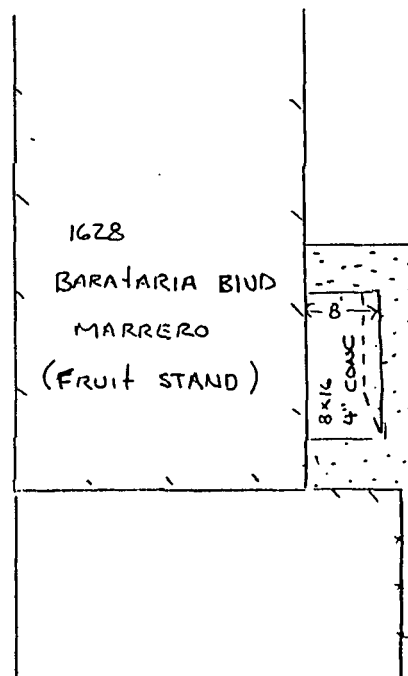
07-0605-572



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 10-22-97 Subject RESTORATION SITE # 605 III Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



07-0605-590

005353

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 605 III

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)					14.00		
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)							
Concrete (cu.yds.)					1.50		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

07-0605-590

005354

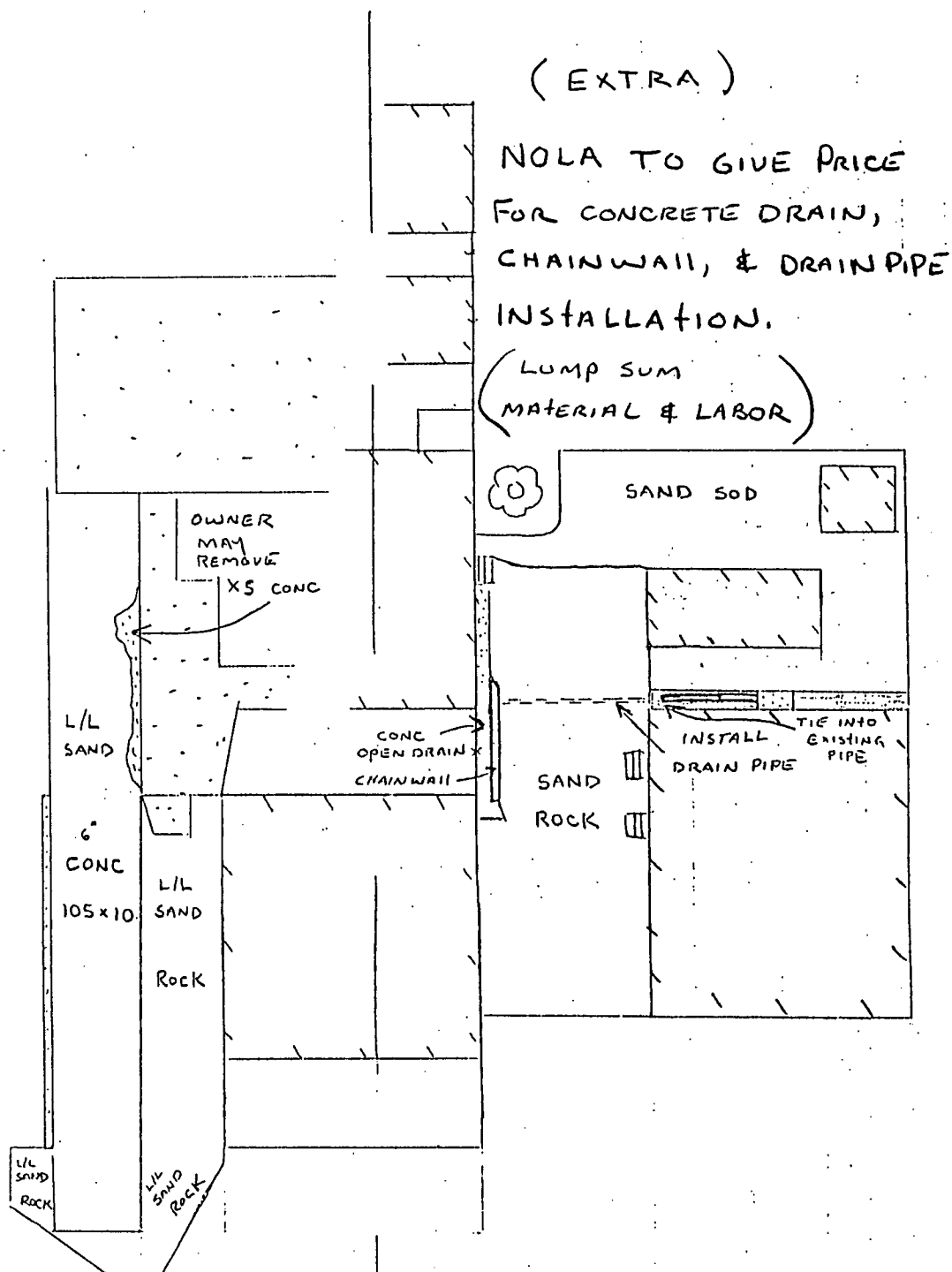


INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 4-4-97 Subject RESTORATION SITE # 605 II Sheet No. 2 of 2

Chkd. By _____ Date _____ Proj. No. _____



005355

07-0605-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 605 II

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					273. ⁵⁰		
Sod Installation (sq.yds.)					111. ⁵⁰		
6" Concrete Installation (sq. yds.)					116. ⁵⁰		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					111. ⁵⁰		
Lower Lift Sand					390. ⁰⁰		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					64. ⁰⁰		
Sand (cu.yds.)					65. ⁰⁰		
Concrete (cu.yds.)					19. ⁵⁰		
Plastic Edging (ft.)					328		
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA					?		

Site Sketch on Back of Page

COMMENTS:

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

07-0605-590

005356

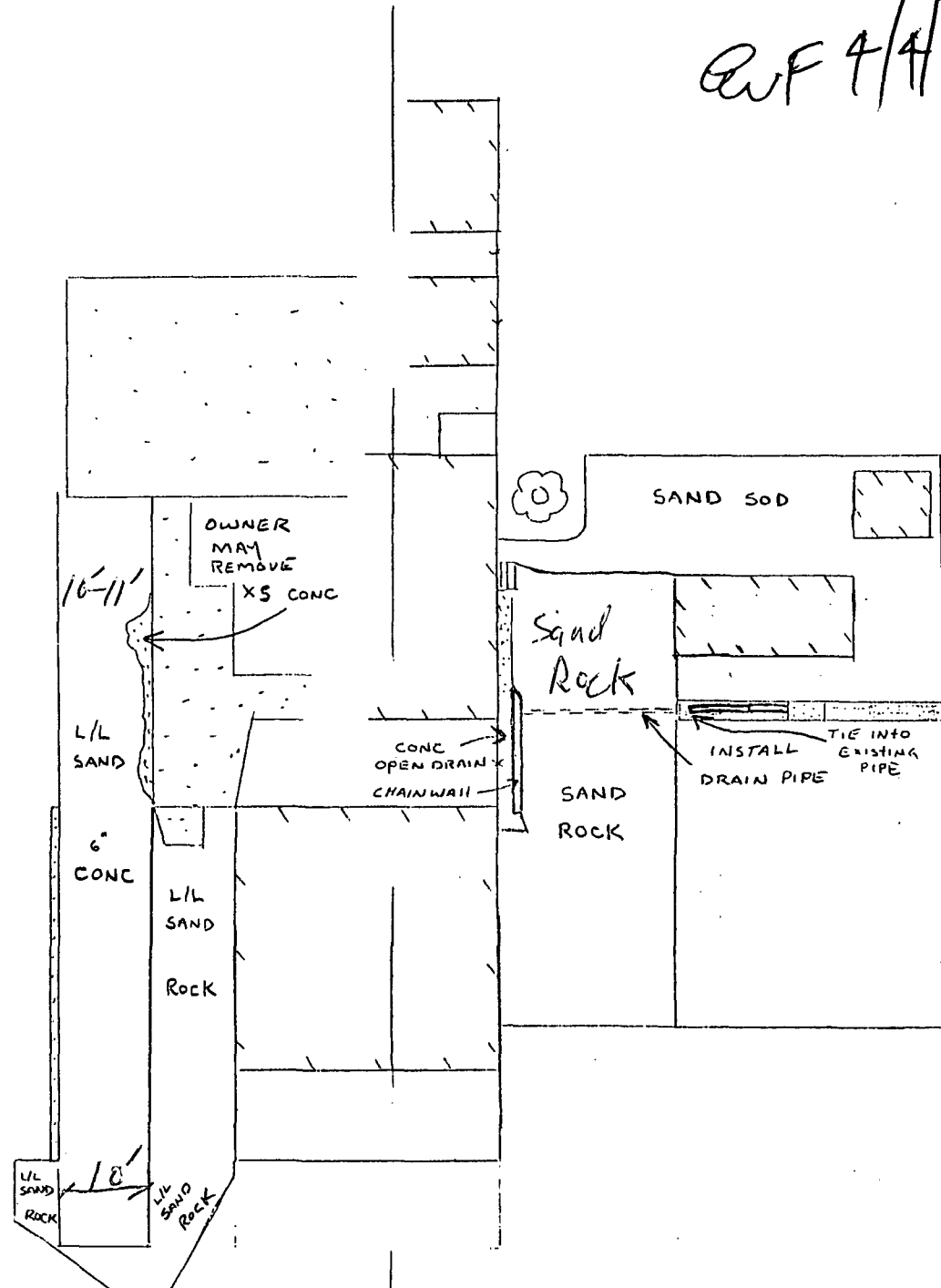


INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 4-4-97 Subject RESTORATION SITE # 605 II Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____

QWF 4/4/97

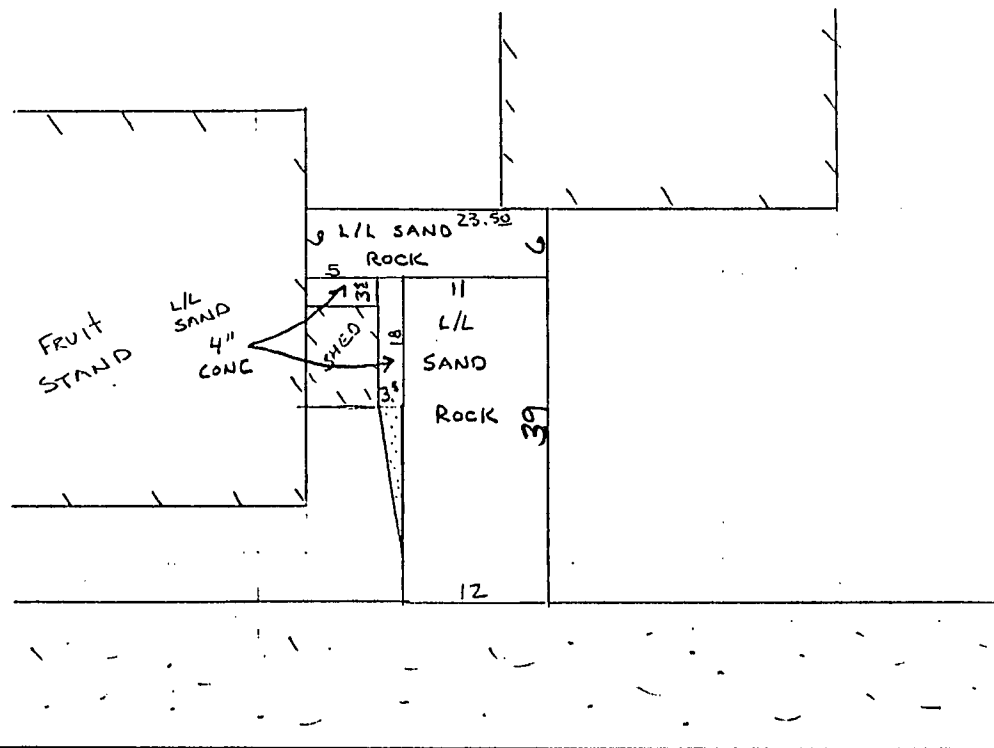


005357

07-0605-590



By PM Date 3-31-97 Subject RESTORATION SITE # 605 I Sheet No. 1 of 2
Chkd. By _____ Date _____ Proj. No. _____



07-0605-590

005358

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 605 I

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					65. ⁵⁰		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)					9. ⁰⁰		
Sand Installation (sq.yds.)							
Lower Lift Sand					74. ⁵⁰		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					15. ⁰⁰		
Sand (cu.yds.)					7. ⁰⁰		
Concrete (cu.yds.)					1. ⁰⁰		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

005359

07-0605-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/8/98
SITE #: 605

ADDRESS: 1628 Burroughs, MA

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

APPR. CRAWL SPACE HEIGHT:

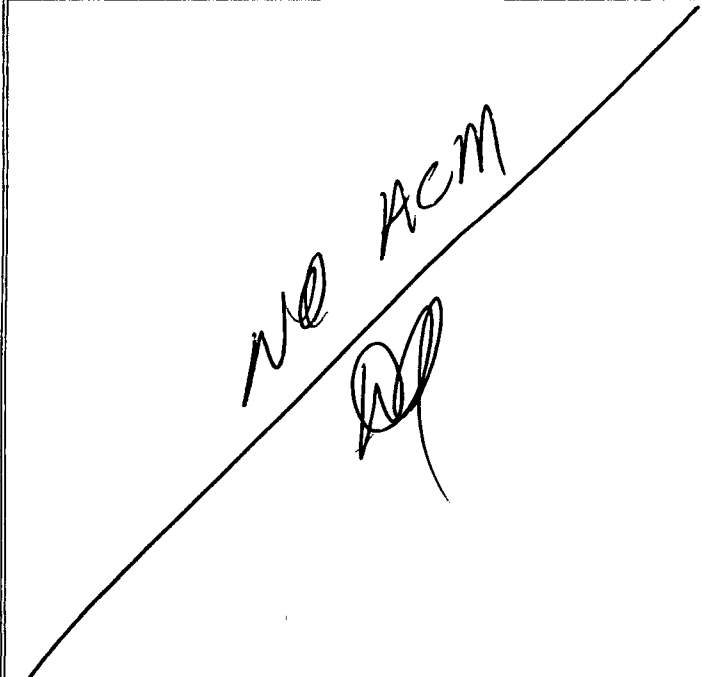
4"

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	_____

TEAM MEMBERS: DA/KJ

07-0605-540

005360

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/24/98
SITE #: 605

ADDRESS: 1628 Banataria
Manero

ACM LOCATED BENEATH:

	HOUSE
	SHED

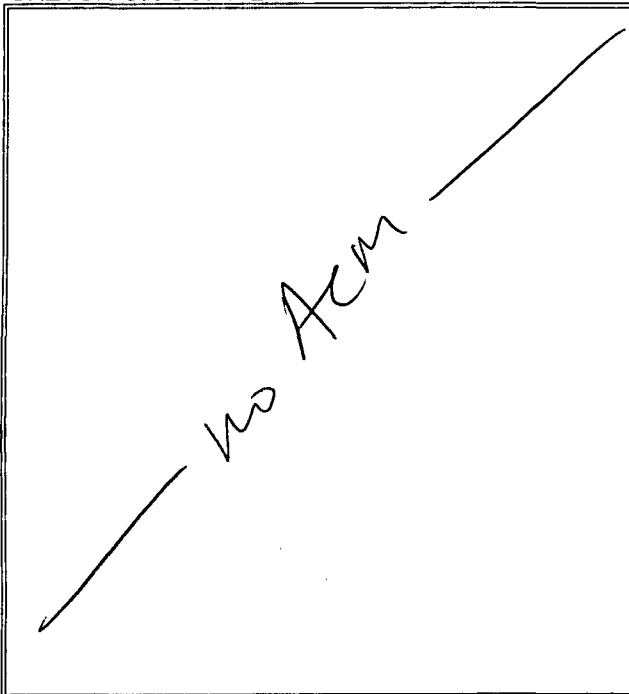
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

	CHUNKS
	POWDER
	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	<u>soil/siding</u>

TEAM MEMBERS: RL/JS

07-0605-540

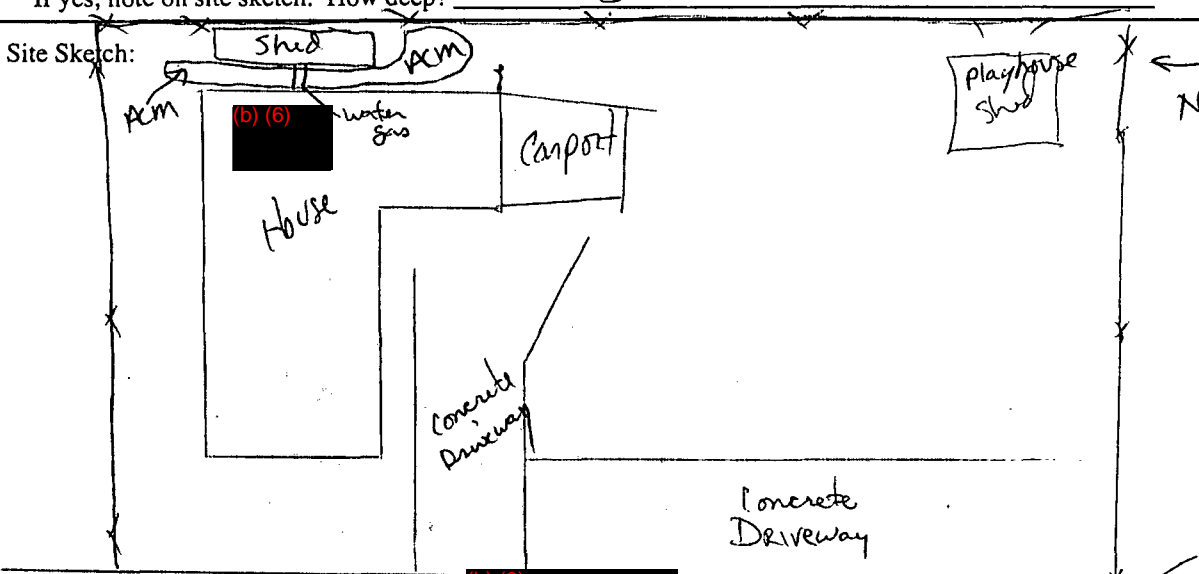
005361

FIELD DATA SHEET 1

Site Information:

Occupant:	Interviewee: (b) (6)
Address: (b) (6)	Mannos, LA, 70072
Phone No:	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____	
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>N/A</u> resolution: _____	
3) Underground utilities installed by owner? (circle): no; <u>water</u> ; <u>gas</u> ; electric; cable TV; septic tank; other <u>house to shed</u> Note location on site sketch.	
4) Is any underground ACM present? (circle): <u>yes</u> ; no; don't know If yes, note on site sketch. How deep? <u>2"</u>	
Site Sketch: 	
Estimated Area = <u>20' x 30' x 6'</u> (b) (6)	
Estimated Volume of ACM: <u>11 yd³</u>	
Comments: <u>Soil/grass</u> <u>1132 - NO ACM</u>	
Date/Time of Interview: <u>10/24 15:45</u>	Access Granted (circle): <u>yes</u> ; no
Team Members: <u>TC/mlc</u>	

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6) MARREZO
State/Zip: LA 70072 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

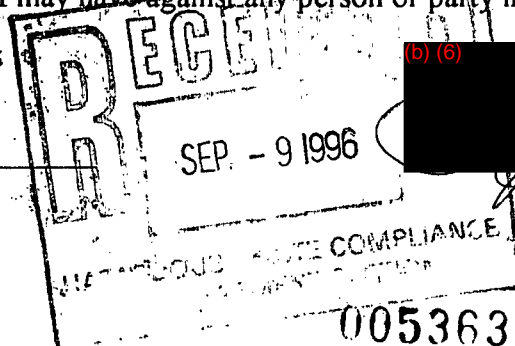
1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-3-96

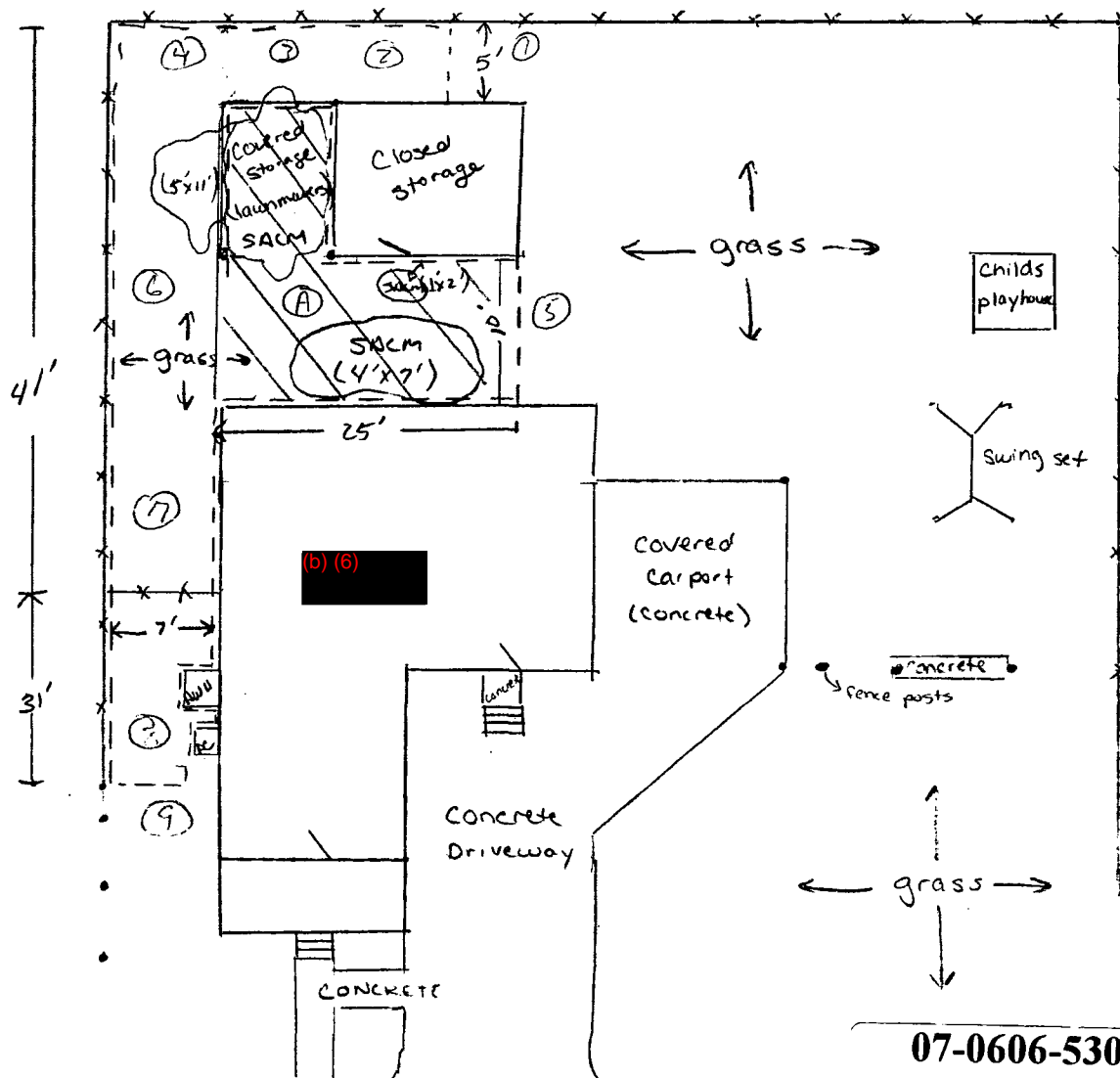
DATE



SIGNATURE

07-0606-520

\overleftrightarrow{NI}
(NTS)

$$| \quad \quad \quad v' \quad \quad |$$


07-0606-530

Alto re

* Concrete Pad Under covered storage where lawnmowers are parked.

2/24/97 KJ Spoke to Mrs. [REDACTED] about restoration

3/12/97 - STANT Nagui spoke to (b) (6)
agreed on L shaped concrete replacement
rest sail/sad

Rhodes/Johnson/Starling - 2/24/97

005364

#	(inches)	cover thickness
①	-	-
②	1	3
③	1	3
④	1	3
⑤	-	-
⑥	2	3
⑦	3	3
⑧	3	3
⑨	-	-

Site # 1006

Site sketch

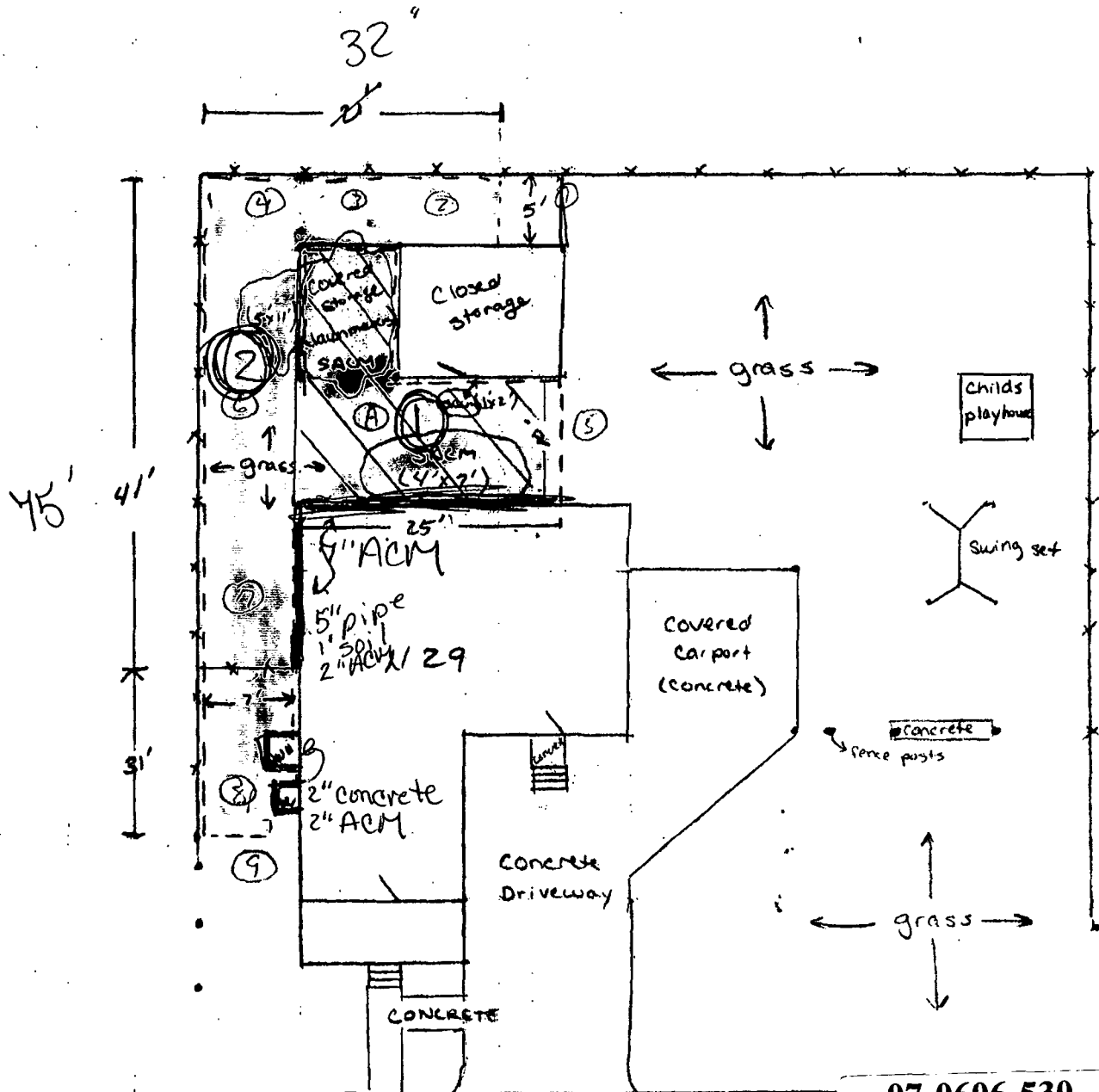
(b) (6)

matters

Revised 3/12/97

- L shaped concrete

← N
(NTS)



07-0606-530

(b) (6)

Notes: (A) concrete - L shaped
resit - soil/sod

* Concrete Pad Under
covered storage where
lawnmowers are
parked.

2/24/97 KS spoke to Mrs.
(b) (6) about restoration

3/12/97 - STANT Assoc spoke to (b) (6)
agreed on L shaped concrete replacement
resit soil/sod

Rhodes/Johann/Starling - 2/2/97

005365

(inches)

#	cover	thickness
①	-	-
②	1	3
③	1	3
④	1	3
⑤	-	-
⑥	2	3
⑦	3	3
⑧	3	3
⑨	-	-

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE#

606

ADDRESS:

(b) (6)

Marrero

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 03-18-97.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

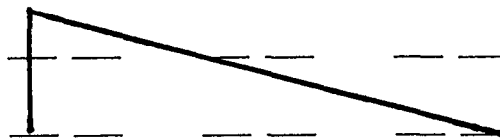
GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

✓ ✓

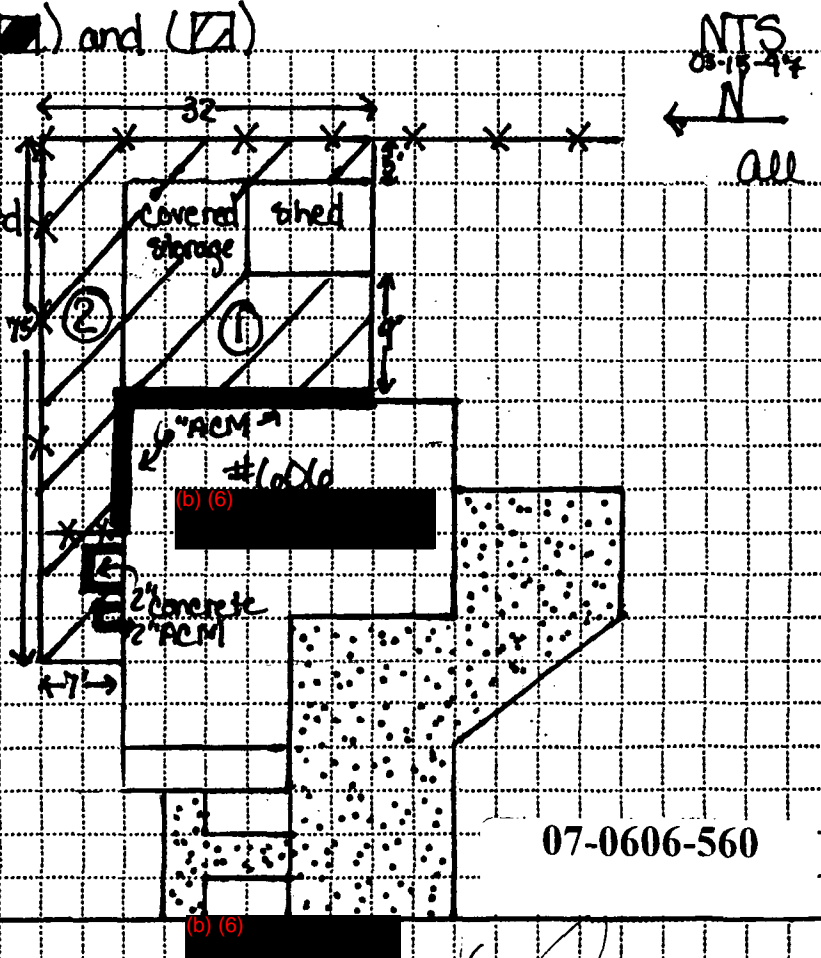
B. FURTHER ACTION NECESSARY:

— —



• visible ACM highlighted below: (1) and (2)
• outlined 03-14-97

Grid	Sample ID	Depth	Backfill / area
①	WB0606G01	6"	concrete / backyard
②	WB0606G01	6"	soil, soil / yard



07-0606-560

005368

AUTHORIZED EPA/START REPRESENTATIVE

Manuel L. Loo

Westmont, NJ 908-458-4000	Piscataway, NJ 908-981-0568	Carle Place, NY 516-897-7251	Manhattan, NY 212-298-0852	Seattle, WA 206-233-9007	Ann Arbor, MI 313-885-6818	San Mateo, CA 415-878-5401	Savannah, GA 404-323-0906	Greensboro, NC 810-837-1437	Houston, TX 713-688-3635
------------------------------	--------------------------------	---------------------------------	-------------------------------	-----------------------------	-------------------------------	-------------------------------	------------------------------	--------------------------------	-----------------------------

EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, March 18, 1997

Ref Number: TX97836

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS606G01	(b) (6)	Brown Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
				< 1%	Crocidolite			
WBS608G02		Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

2

005367

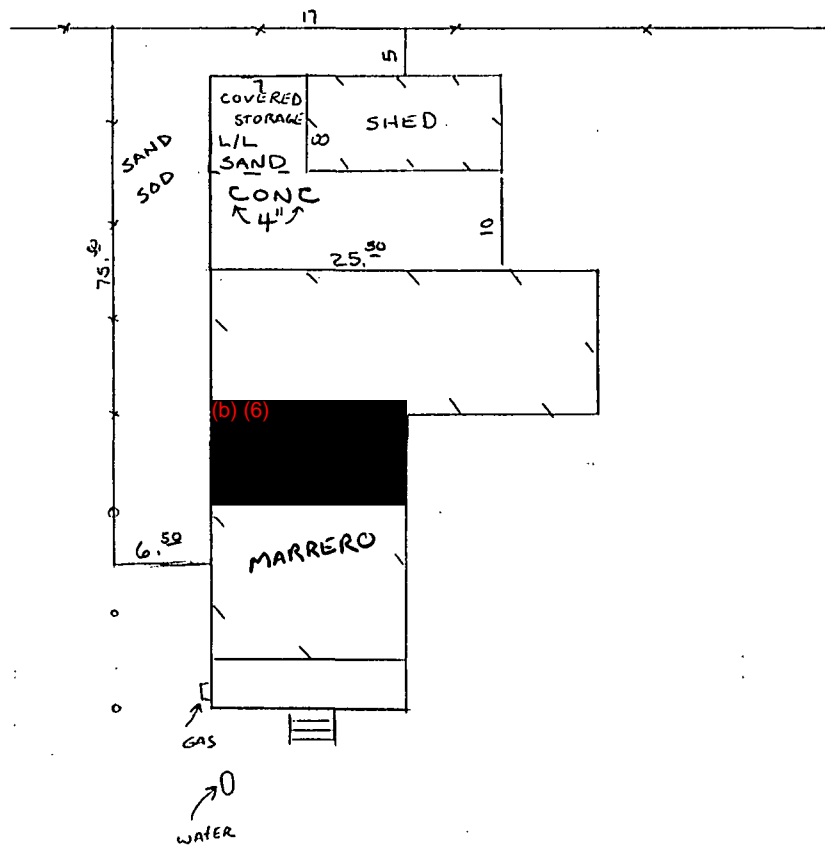
07-0606-570



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 3-17-97 Subject RESTORATION SITE # 606 Sheet No. of
Chkd. By Date Proj. No.



07-0606-590

005368

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 606

	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
RATE						
Rock Installation (sq.yds.)	\$6.84/sy					
Sod Installation (sq.yds.)	\$5.15/sy			64. ⁰⁰		
6" Concrete Installation (sq. yds.)	\$30.10/sy					
4" Concrete Installation (sq. yds.)	\$26.40/sy			34. ⁵⁰		
Sand Installation (sq.yds.)	\$4.15/sy			64. ⁰⁰		
Lower Lift #1	\$1.16/sy			34. ⁵⁰		
Lower Lift # 2	\$1.16/sy					
Lower Lift #3	\$1.16/sy					
Rock, Brown (cu.yds.)	\$20.50/cy					
Rock, Gray (cu.yds.)	\$29.00/cy					
Sand (cu.yds.)	\$12.70/cy			20. ⁰⁰		
Concrete (cu.yds.)	N/A					
Plastic Edging (ft.)	\$1.65/ft					
Walkway Rock Inst. (sq.yds.)	\$9.12/sy					
Topsoil (cu.yds.)	\$21.00/cy					

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE

NOLA REPRESENTATIVE SIGNATURE

095369

07-0606-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

9/8/98

ADDRESS:

(b) (6)

SITE #:

606

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

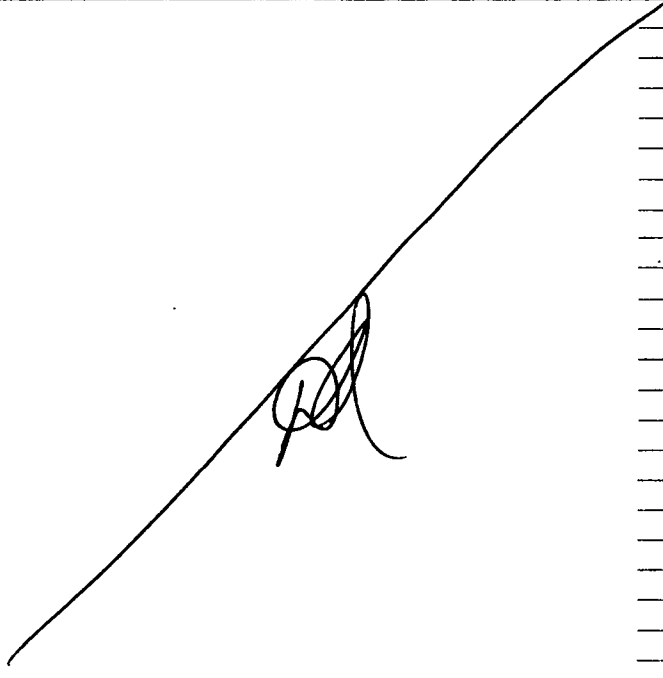
NA

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

TEAM MEMBERS:

DA/KJ

07-0606-540

005370

FIELD DATA SHEET 1

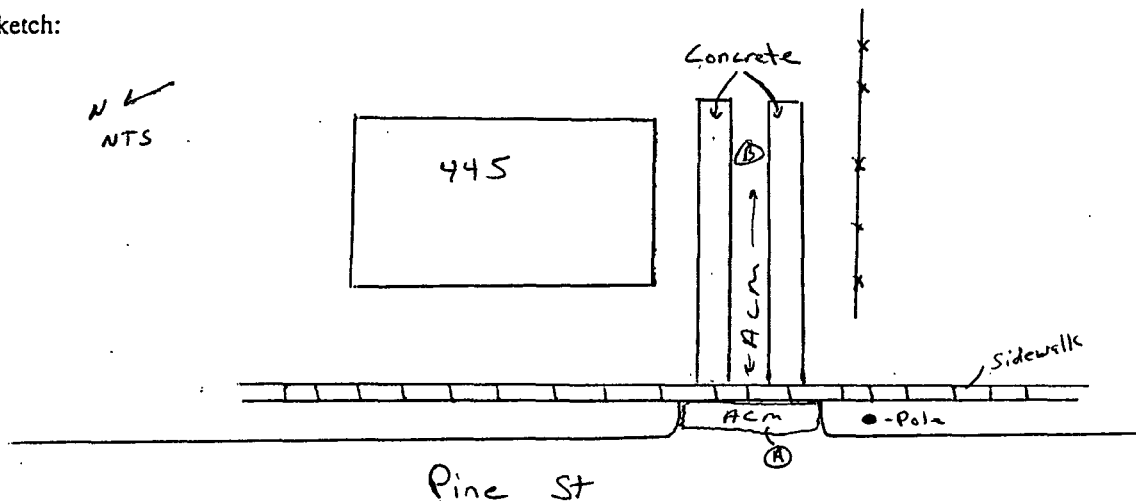
Site Information:

Occupant: (Contact Person): <u>Harry Beevers</u>	Interviewee: <u>Harry Beevers</u>
Address: <u>445 Pine St. Marrero, LA 70072</u>	
Phone No.: Home <u>(b) (6)</u> Work <u>504-362-5610</u>	
Owner Name, Address, and Phone No. if Different Than Occupant: <u>KPC Council No. 267 - John O. Ferdinand Community Center</u> <u>445 Pine St.</u> <u>Marrero, LA 70072</u>	

Site Description:

1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other <u>community center</u>
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>None</u> resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other <u>Gas line in front</u> Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



St. Joseph the Worker School

Estimated Volume of ACM: (A) $10 \times 7 = 70 \text{ ft}^2$ (B) $58' \times 3' = 174 \text{ ft}^2$ \therefore Total = 244 ft^2

Comments: Restore with limestone

Date/Time of Interview: initial
10/16/96 0830hrs

Access Granted (circle): yes; no

Team Members: MB/TC

005371

07-0607-510

FIELD DATA SHEET 1

Site Information:

Occupant:	<u>Harry Beavers</u>	Interviewee:	<u>Harry</u>
Address:	<u>445 Pine St., Marano, CA</u>		
Phone No.:	<u>547</u>		<u>home</u> <u>work</u>
Owner Name, Address, and Phone No. if Different Than Occupant:			
<u>KPC Council No. 267</u> <u>John O. Ferdinand Community Center, Inc.</u>			

Site Description:

1) Description of property (circle):	<u>single home;</u> duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle):	locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle):	no; water; gas; electric; cable TV; septic tank; other
Note location on site sketch.	
4) Is any underground ACM present? (circle):	yes; no; <u>don't know</u>
If yes, note on site sketch. How deep?	

Site Sketch:

Hand-drawn site sketch showing a property labeled '445' on 'Pine St.' with a 'driveway' and 'No visible ACM' noted. A large 'X' is drawn over the sketch area.

Estimated Volume of ACM: _____

Comments:

Date/Time of Interview:

10/11/96 @ 8:30

Access Granted (circle):

yes; no

Team Members:

Chase T. Cochill

005372

07-0607-510

FIELD DATA SHEET 1

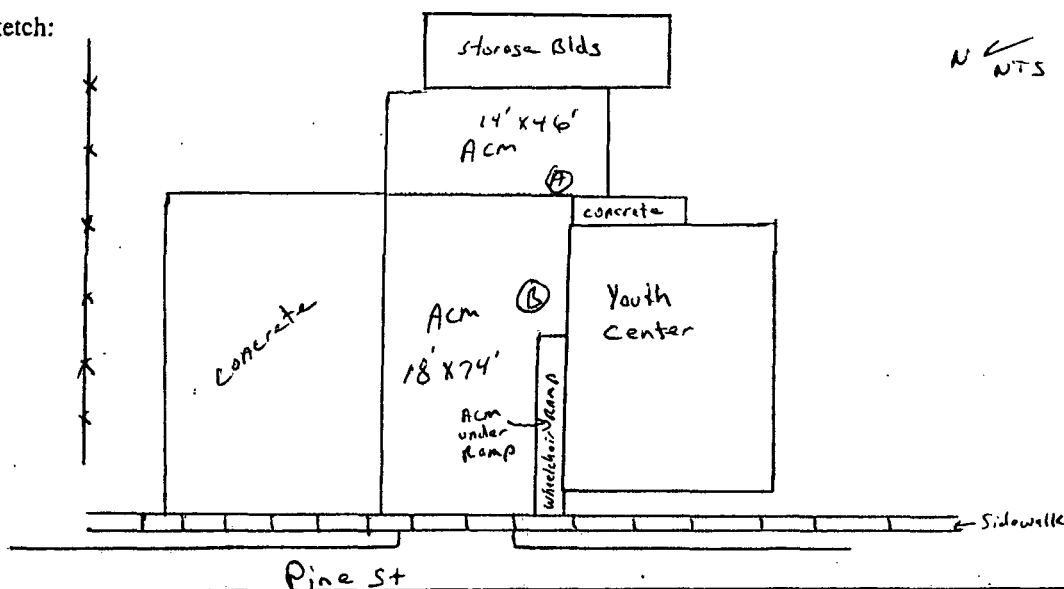
Site Information:

Occupant: (Contact Person) <u>Father McQuillen</u>	Interviewee: <u>Mr. Chavira</u>
Address: <u>St. Joseph the Worker, Pine St, Marrero, LA 70072</u>	
Phone No.: <u>504-347-8438</u>	
Owner Name, Address, and Phone No. if Different Than Occupant: <u>St. Joseph the Worker</u> <u>Father McQuillen</u>	

Site Description:

1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other <u>Youth Center</u>
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>None</u> resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: (A) 14' x 46' = 644 ft² (B) 18' x 74' = 1332 ft² ∴ Total = 1976 ft²

Comments: initial - soil/sed + limestone in front of storage bldg

Date/Time of Interview: <u>initial 11/20/96 0933hrs</u>	Access Granted (circle): <u>yes</u> ; no
Team Members: <u>ML by phone</u>	

Tracking Number 608

Troy?

FIELD DATA SHEET 1

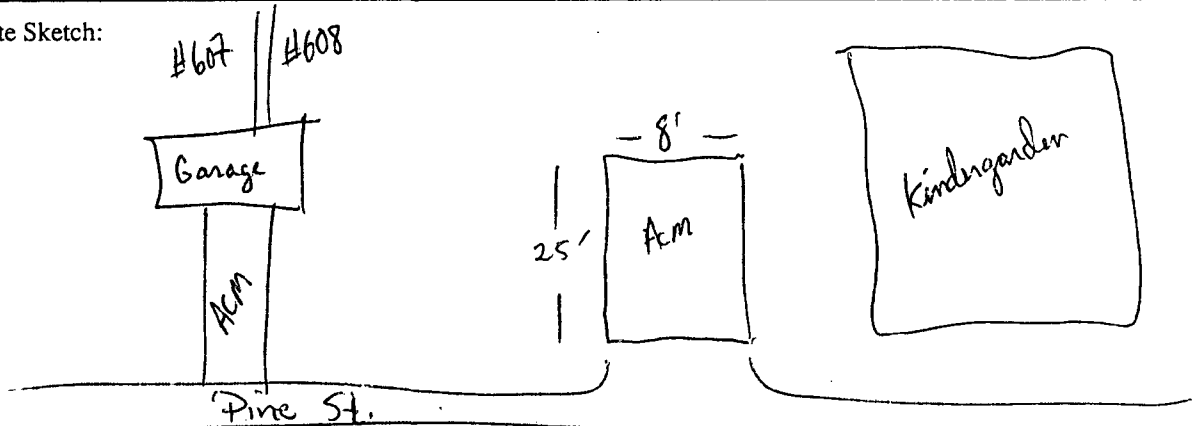
Site Information:

Occupant: <u>Chauvin</u>	Interviewee:
Address: <u>St. Joseph the Worker, Pine St., Metairie, La 70072</u>	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant: <u>Father Paul</u> <u>347 - 84 36 Father McQuillen</u>	

Site Description:

1) Description of property (circle): single home; duplex; business; school; daycare; <u>church</u> ; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____	
Comments: <u>Probably same location as 30, 11/20/96 soil/grass limestone in front of garage</u>	
Date/Time of Interview: <u>11/20/96 0933</u>	Access Granted (circle): <u>yes</u> ; no
Team Members: <u>molin by phone</u>	

07-0608-510

005374

TRACKING # 607
4 # 608

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: KNIGHTS OF PETER CLAVER COUNCIL #267
Property's Address: 445 PINE ST.
State/Zip: LA 70072 Phone Number(s): 340-0599 (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96

DATE

Garry Beavers
SIGNATURE Grand Knight

07-0607-520

005375

07-0608-520

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 607

ADDRESS: 445 PINE ST.
MARREDO, LA 70072

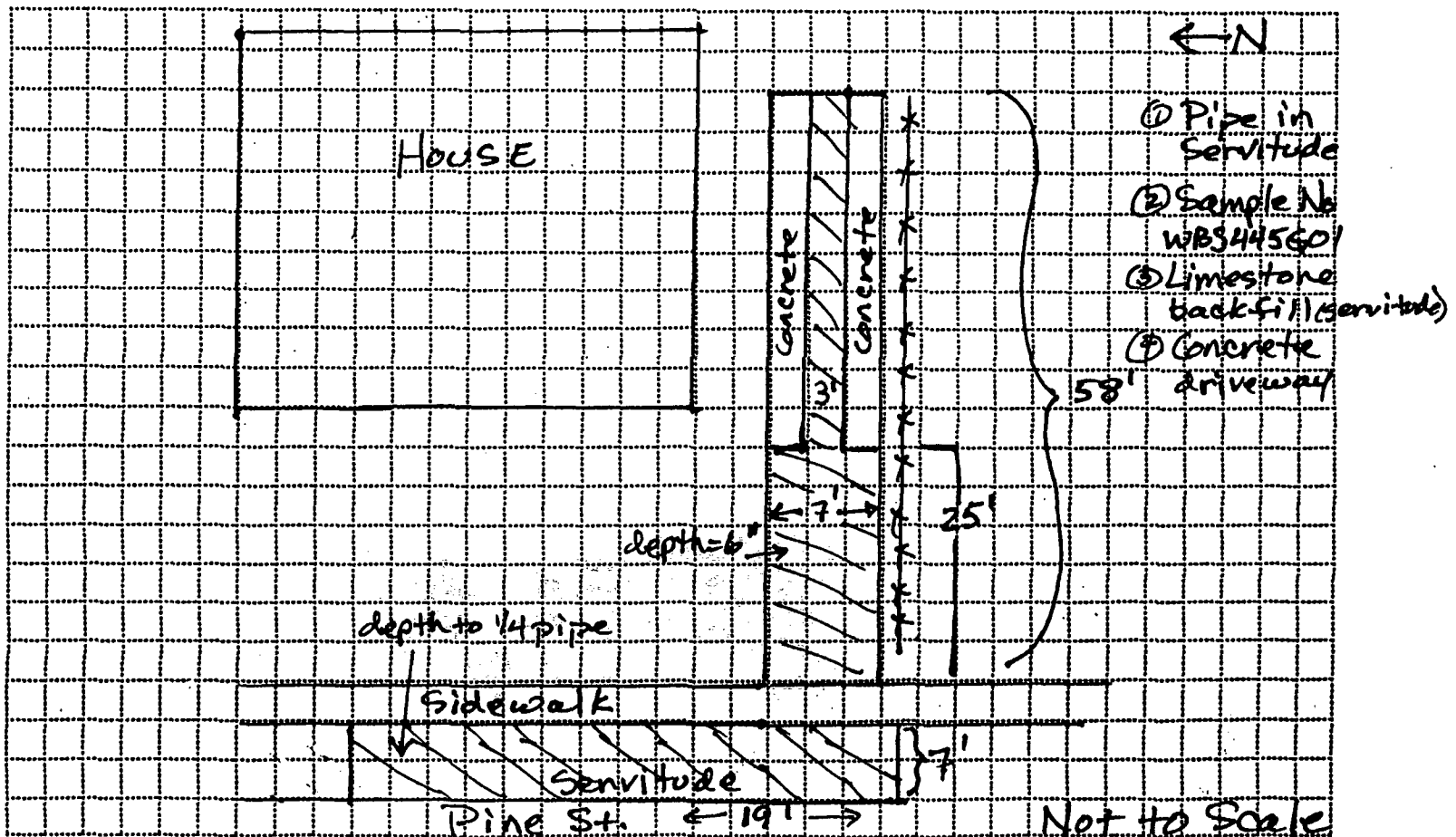
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical as of 01-14-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒

B. FURTHER ACTION NECESSARY: ☒



005378

AUTHORIZED EPA/START REPRESENTATIVE

Barbara A. Storey

07-0607-560

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 608

ADDRESS: 445 PINE ST
MARRERO, LA 70072

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical received as of 01-14-97.

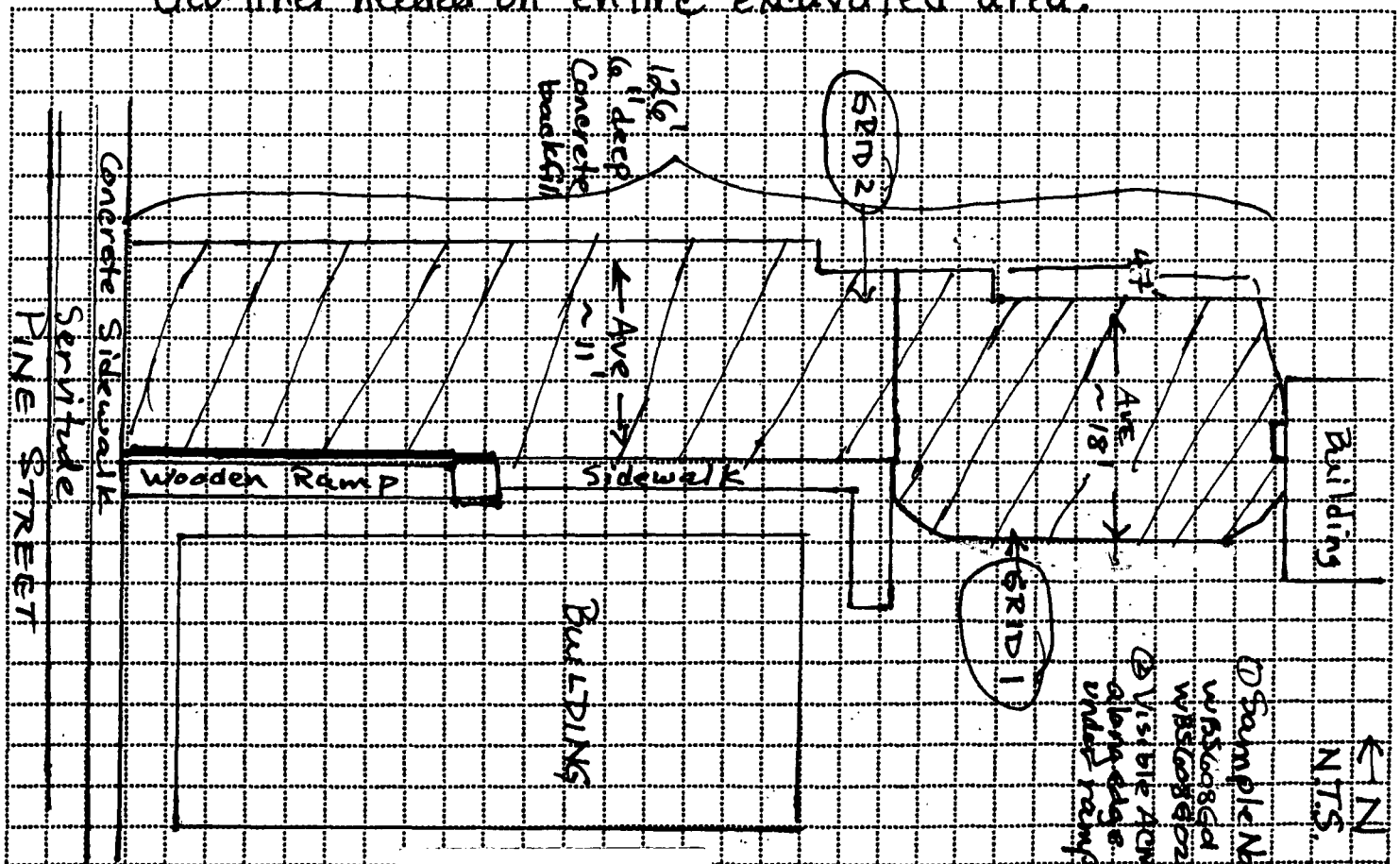
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒ ☒

B. FURTHER ACTION NECESSARY: ☒ ☒
(see below)

• Geo-liner needed on entire excavated area.



07-0608-560

AUTHORIZED EPA/START REPRESENTATIVE

005377
Barbara A. Storey

Westland, NJ 908-532-4000	Florence, NJ 908-661-0000	Carle Place, NY 516-897-7261	Manhasset, NY 516-266-8882	Seattle, WA 206-323-8077	Ann Arbor, MI 313-463-0010	San Mateo, CA 415-870-4401	Emeryville, CA 404-323-0000	Wilmington, NC 919-297-1487	Houston, TX 713-664-9035
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EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Thursday, January 16, 1997

Ref Number: TX97114

POLARIZED LIGHT MICROSCOPY (PLM)**Project: WESTBANK ASBESTOS SITE**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS288-G01		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS623-G01		Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS341-G01		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS607-G01		Tan Non-Fibrous Homogeneous	Teased	5% Chrysotile < 1% Crocidolite			95% Other
WBS608-G01		Tan Non-Fibrous Homogeneous	Teased	10% Chrysotile < 1% Crocidolite			90% Other
WBS608-G02		Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

07-0607-570



Carlos D. Salinas
Analyst

07-0608-570



Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

005378

Westwood, NJ 908-658-4888
 Florham Park, NJ 908-658-4888
 Carlo Place, NY 516-897-7261
 Manhattan, NY 212-586-8832
 Seattle, WA 206-329-8077
 Ann Arbor, MI 313-963-0910
 San Mateo, CA 415-570-5401
 Hayward, CA 404-335-0804
 Greensboro, NC 919-287-1487
 Houston, TX 713-684-9435



Ecology & Environment, Inc.
 11550 Newcastle Ave. #250
 Baton Rouge, LA 70816

Thursday, January 16, 1997

Ref Number: TX97114

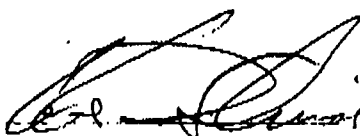
POLARIZED LIGHT MICROSCOPY (PLM)

Project: WESTBANK ASBESTOS SITE

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS268-G01		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS623-G01		Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS341-G01		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS807-G01		Tan Non-Fibrous Homogeneous	Teased	5% Chrysotile < 1% Crocidolite			95% Other
WBS608-G01		Tan Non-Fibrous Homogeneous	Teased	10% Chrysotile < 1% Crocidolite			90% Other
WBS808-G02		Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

07-0607-570



Carlos D. Salinas
 Analyst

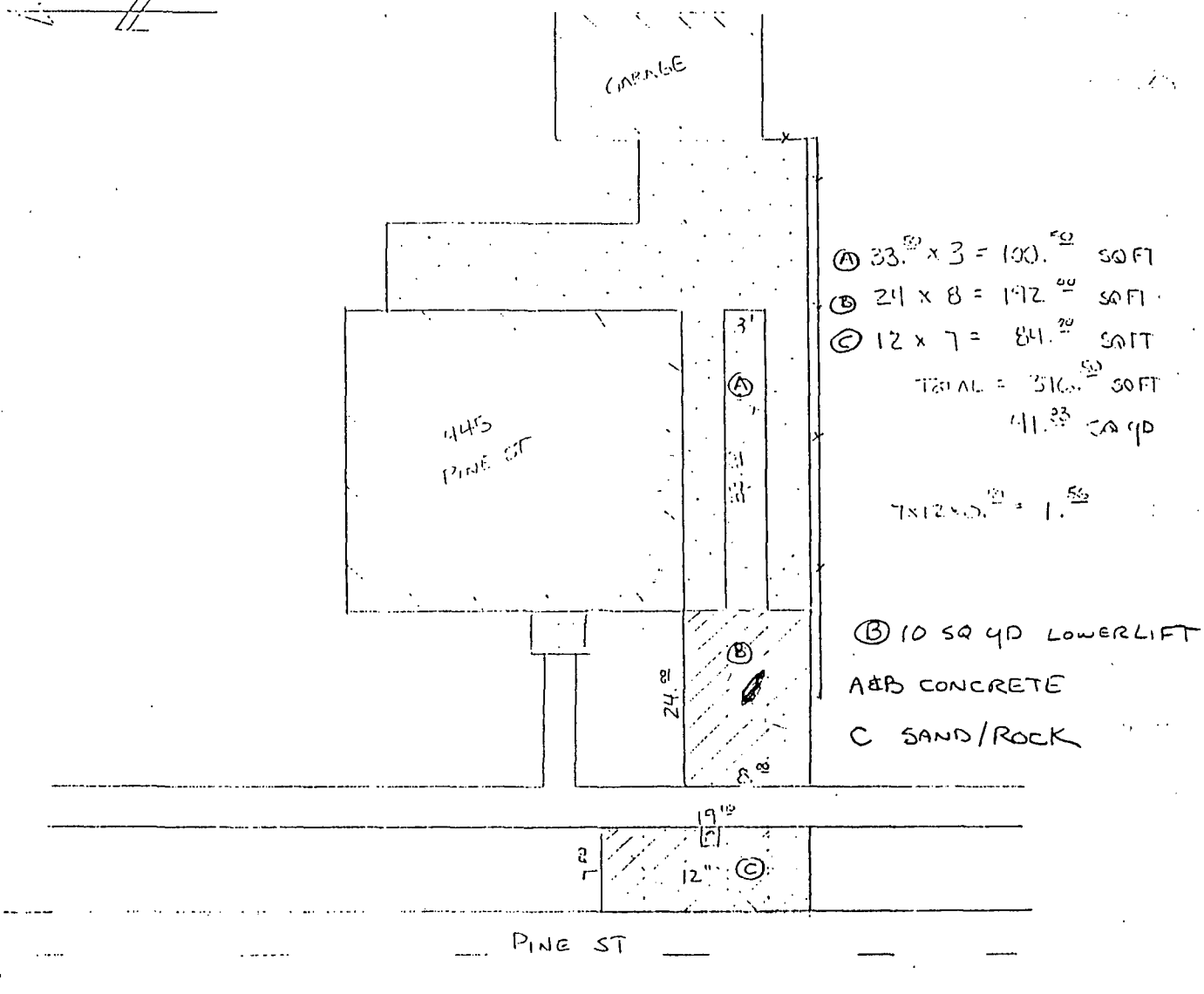
07-0608-570



Approved
 Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

005379



07-0607-590

07-0608-590

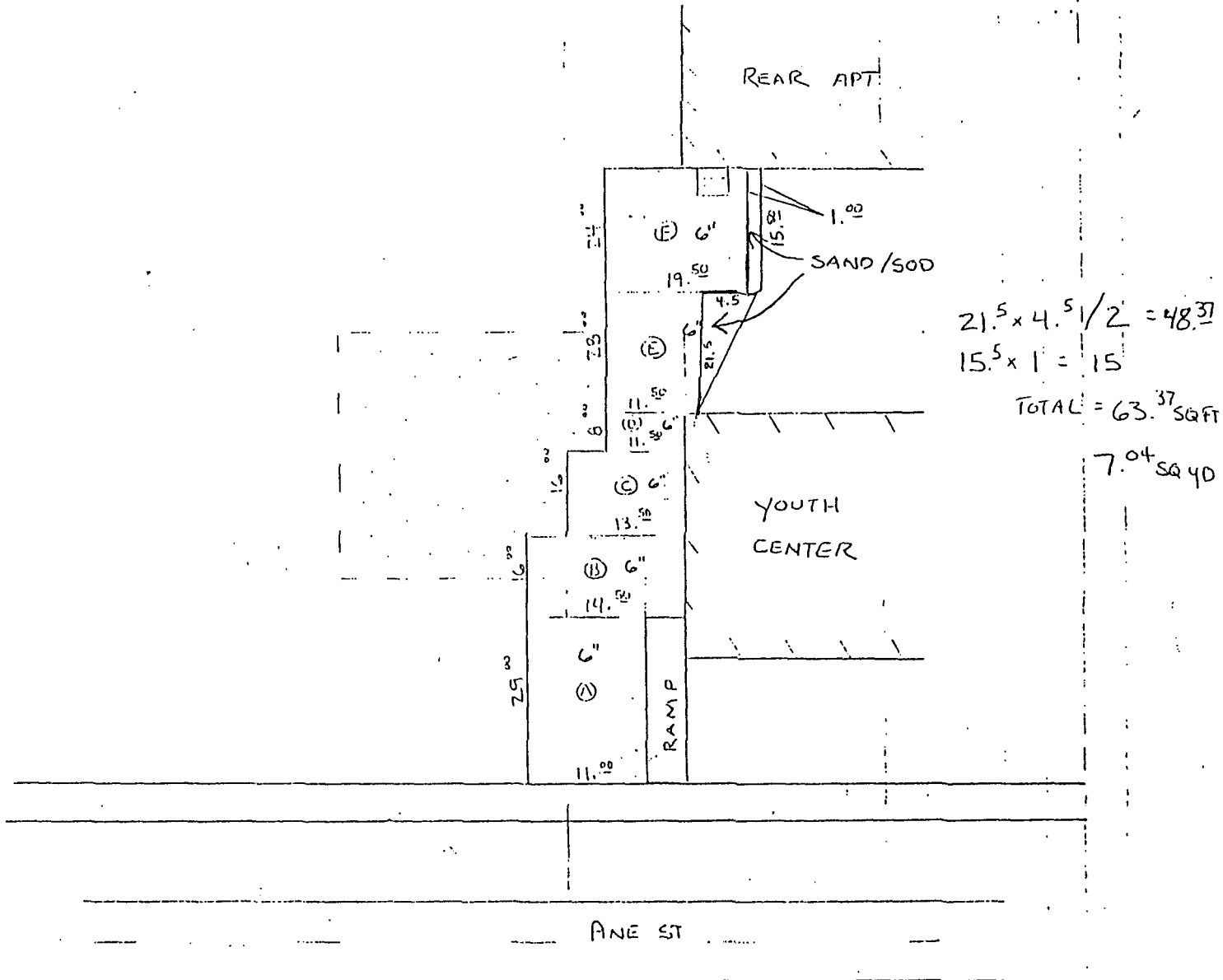
005380



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 1-14-97 Subject RESTORATION SITE # 608 Sheet No. of
Chkd. By Date Proj. No.



07-0607-590

07-0608-590

005381

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 2240	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL REVISED CANCELED	
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.	La. Contractor's License #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane			
City: Slidell	State: LA	Zip: 70456	
Contact: Gerald Avery	Telephone: 504-646-0039		
OTHER OPERATOR:	DEQ Project Designer #:		
Address:			
City:	State:	Zip:	
Contact:	Telephone:		
III. TYPE OF OPERATION (CIRCLE ONE)		Demo Ordered Demo Renovation Emergency Reno	
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		YES NO	
Inspector's Name: Debra Bendily (LDEQ)		Inspection Date: Jan. - Apr. 1996	
Inspector's Accreditation #:		610685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (# 607 and 608)		Fire Marshall Project #:	
Street Address: 445 Pine Street (Front and rear areas of bldg)			
City: Marrero	State: LA	Zip: 70072	Parish: Jefferson
Site Location: Side of building in driveway; side of kindergarten		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
1. Regulated ACM to be removed			
2. Category I ACM not removed			
3. Category II ACM not removed			
		Cat I	Cat II
			UNIT
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 6
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 10/24/96	Complete: 11/24/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 10/24/96	Complete: 11/24/96

005382

07-0607-550

07-0608-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors ^{#3} <i>Vaughan Contractors</i>	Contact Person: Jerry Avery ^{#3} <i>H.P. Vaughan</i>
Address: 113 Ondine Lane ^{#3} <i>685 Bridge City Ave.</i>	
City: Slidell ^{#3} <i>Bridge City</i>	State: LA
Zip: 70458 ^{#3} <i>70094</i>	Telephone #: 504-646-0039 ^{#3} <i>(504) 436-7777</i>

WASTE TRANSPORTER #2

Name: <i>B+S Equipment Co. Inc.</i>	Contact Person: <i>Billy Ryals</i>
Address: <i>1713 Winchester Place</i>	
City: <i>Harvey</i>	State: <i>LA</i>
Zip: <i>70058</i>	Telephone #: <i>(504) 340-2091</i>

XIII. WASTE DISPOSAL SITE:

Name: <i>Jefferson Parish Landfill (Kelvin Landfill)</i>
Location: <i>5800 Nuondale 90 West</i>
City: <i>Nuondale</i>
State: <i>LA</i>
Zip: <i>70094</i>
Telephone: <i>(504) 436-0244</i>

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will used wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

[Signature] 10-3-96
(Signature of Owner/Operator/Contractor) (Date)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

[Signature] 10-3-96
(Signature of Owner/Operator/Contractor) (Date)

PURSUANT TO R.S. 40:1574 A & B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

07-0607-550

07-0608-550

005383

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/23/98
SITE #: 607 + 608

ADDRESS: 445 Pine St.
Marrero

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

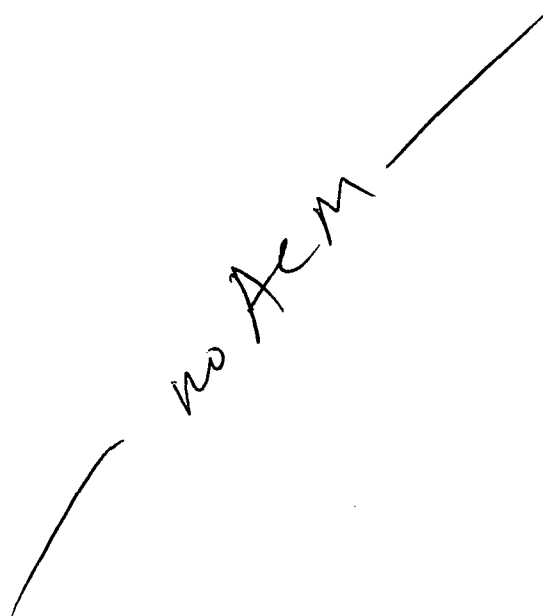
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

 <p>no ACM</p>	<p>vacant lot?</p>

TEAM MEMBERS: RL/JS

07-0608-540

005384

07-0607-540

Revised 12/10/96
TN/KS

Tracking Number 609
(Revised 12/10/96)

FIELD DATA SHEET 1

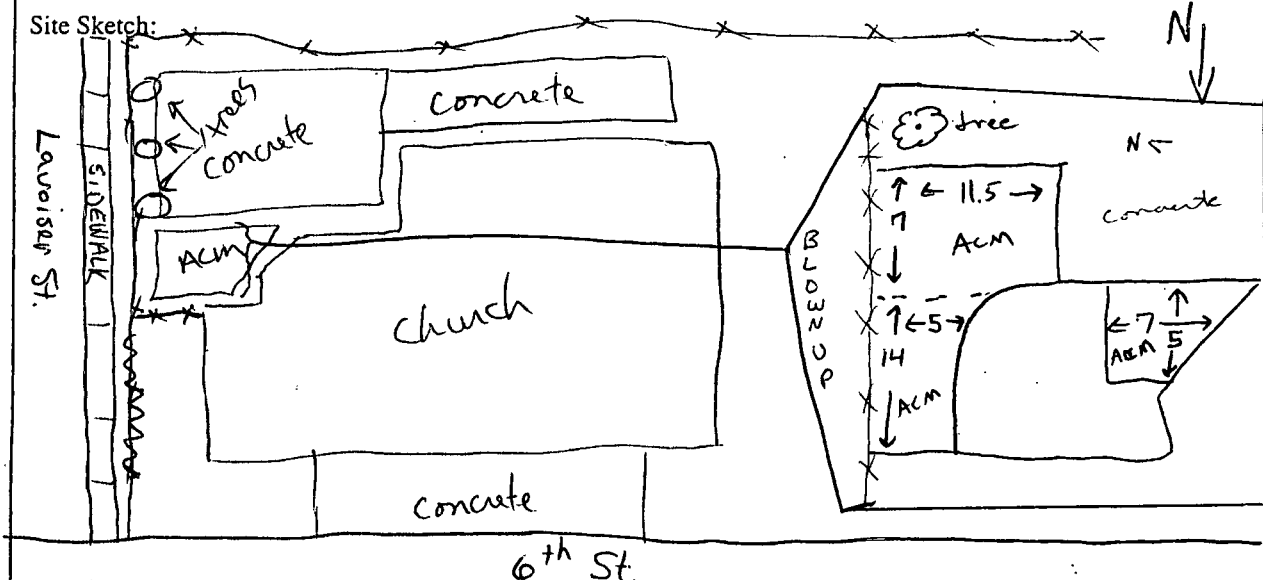
Site Information:

Occupant: <u>ST JOSEPH CHURCH</u>	Interviewee: <u>REV. CARABELLO</u>
Address: <u>610 6TH ST GRETNA</u>	
Phone No.: <u>368-1313 OR 1314 Clarence</u>	
Owner Name, Address, and Phone No. if Different Than Occupant:	

Site Description:

1) Description of property (circle): single home; duplex; business; school; daycare; <u>church</u> ; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; <u>gate</u> ; dogs; other _____ resolution: <u>Call Clarence for key</u>
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other <u>overhead power lines above ACM</u> Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: 185.5 ft²

Comments: BACK FILL: SOIL/SOD LIMESTONE ACM pieces 10'x15'
REDRAWN 12/10/96

OK FOR HOLIDAY REMOVAL 12/9 CONV. w/ REV. CARABELLO - CMAA

Date/Time of Interview: 12/10/96

Access Granted (circle): yes no

Team Members: CMAA/TC

005385

05-0609-510

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: ST. JOSEPH CHURCH
Property's Address: 610 - 6TH STREET GREYNA
State/Zip: 70053 Phone Number(s): (504) 368-1313 or 1314

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-11-96

DATE

Rev. Francis J. Caraballo
SIGNATURE

005386

05-0609-520

**WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM**

FYI:

SITE# 609

ADDRESS: 610 6th Street

Gretna, La. 70053

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 12-17-96.

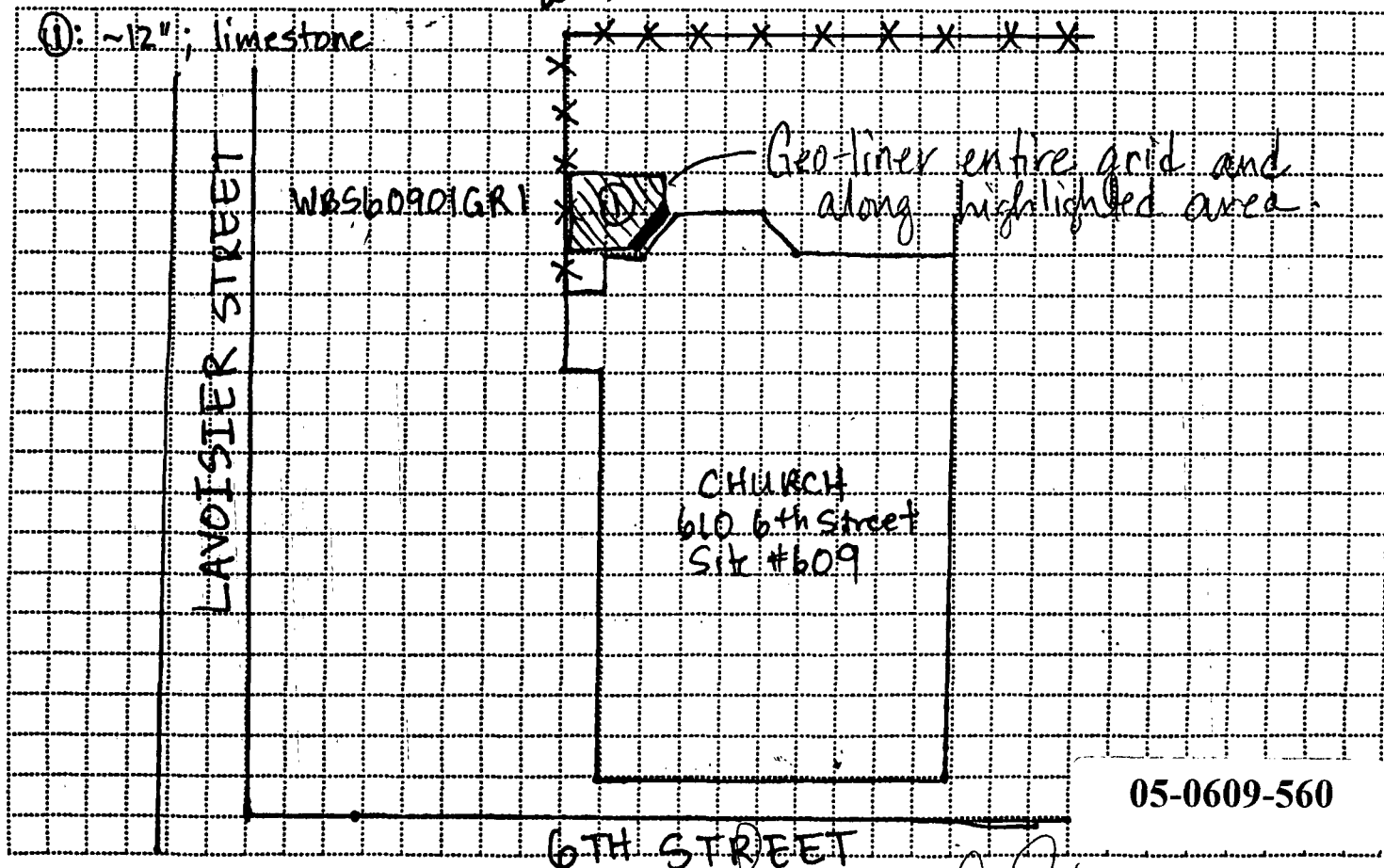
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒

B. FURTHER ACTION NECESSARY: ☐

*geo-liner
(see below)*



AUTHORIZED EPA/START REPRESENTATIVE

05388

Barbara A. Storey

Westwood, NJ 609-554-4300	Placerville, NJ 908-981-0550	Carle Place, NY 516-897-7331	Manhasset, NY 212-290-0052	Seattle, WA 206-333-5007	Ann Arbor, MI 313-463-4310	San Mateo, CA 415-570-5401	Savannah, GA 404-333-0068	Greensboro, NC 910-397-1437	Houston, TX 713-686-3635
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Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816


Tuesday, December 17, 1996

Ref Number: TX963264

POLARIZED LIGHT MICROSCOPY (PLM)

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS27105MA1	271	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS27108MA1	271	Tan Non-Fibrous Homogeneous	Teased		< 1% Chrysotile		100% Other
WBS27107MA1	271	Tan Non-Fibrous Homogeneous	Teased		< 1% Chrysotile < 1% Crocidolite		100% Other
WBS27108MA1	271	Tan Non-Fibrous Homogeneous	Teased		< 1% Chrysotile < 1% Crocidolite		100% Other
WBS27109MA1	271	Tan Non-Fibrous Homogeneous	Teased		< 1% Chrysotile < 1% Crocidolite		100% Other
WBS60901GR1	609	Tan Non-Fibrous Homogeneous	Teased		2% Chrysotile < 1% Crocidolite		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Carlos D. Salinas
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to analyze layered samples.

005388

05-0609-570

Westmont, NJ 800-858-4080 Hickamway, NJ 800-861-0556 Carlo Place, NY 516-897-7251 Manhattan, NY 212-290-0052 Seattle, WA 206-223-9037 Ann Arbor, MI 313-608-6810 San Mateo, CA 415-870-6401 Smyrna, GA 404-353-8094 Greensboro, NC 815-397-1487 Houston, TX 713-684-3835



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, December 17, 1996

Ref Number: TX963264

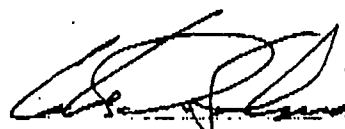
POLARIZED LIGHT MICROSCOPY (PLM)

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS60802GR1	809	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS31701MA1	317	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
				< 1%	Crocidolite		
WBS31702MA1	317	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
				< 1%	Crocidolite		
WBS31703MA1	317	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
				< 1%	Crocidolite		
WBS30201MA1	302	Tan Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
				< 1%	Crocidolite		
WBS30202MA1	302	Tan Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other

Note: dup of WBS60901

Note: dup of WBS31702

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Carlos D. Salinas
Analyst

Approved
Signatory

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NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors #3 Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane #3 685 Bridge City Avenue

City: Slidell #3 Bridge City State: LA Zip: 70458 #3 70094 Telephone#: (504)646-0039 #3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III.Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

John S. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

John S. Hays 10-12-96
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005390

05-0609-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested	1	Parish #	1340	Source #		ADVF #	
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL		REVISED		CANCELED	
II. FACILITY INFORMATION				Contact: John Martin			
OWNER NAME: U.S. EPA Region 6				Telephone: 214-665-2270			
Mailing Address: 1445 Ross Ave							
City: Dallas				State: TX		Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.				La. Contractor's License #: 26445		DEQ ID #: 7S00008	
Address: 113 Ondine Lane							
City: Slidell				State: LA		Zip: 70456	
Contact: Gerald Avery				Telephone: 504-646-0039			
OTHER OPERATOR:				DEQ Project Designer #:			
Address:							
City:				State:		Zip:	
Contact:				Telephone:			
III. TYPE OF OPERATION (CIRCLE ONE)		Demo		Ordered Demo		Renovation	
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)		YES		NO		Inspection Date: Jan. - Apr. 1996	
Inspector's Name: Debra Bendily (LDEQ)				Inspector's Accreditation #: 6I0685			
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)							
Building/Component Name: Church (#609)				Fire Marshall Project #:			
Street Address: 610 6th Street							
City: Gretna		State: LA		Zip: 70053		Parish: Jefferson	
Site Location: In back of house				Telephone: NA			
Building Size: NA		# of Floors: NA		Age in Years: NA			
Present Use: NA				Prior Use: NA			
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116							
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:		RACM to be Removed		Nonfriable Asbestos Material Not to be Removed		Indicate Unit Measurement Below	
1. Regulated ACM to be removed							
2. Category I ACM not removed							
3. Category II ACM not removed							
				Cat I		Cat II	
						UNIT	
Pipes						Ln Ft: Ln m:	
Surface Area						Sq Ft: Sq m:	
Vol RACM off Facility Component						Cu Ft: Cu yds: 2	
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)				Start: 11/1/96		Complete: 12/21/96	
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)				Start: 11/1/96		Complete: 12/21/96	

005391

05-0609-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/27/98
SITE #: 609

ADDRESS: 610 6th St
Gretna

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

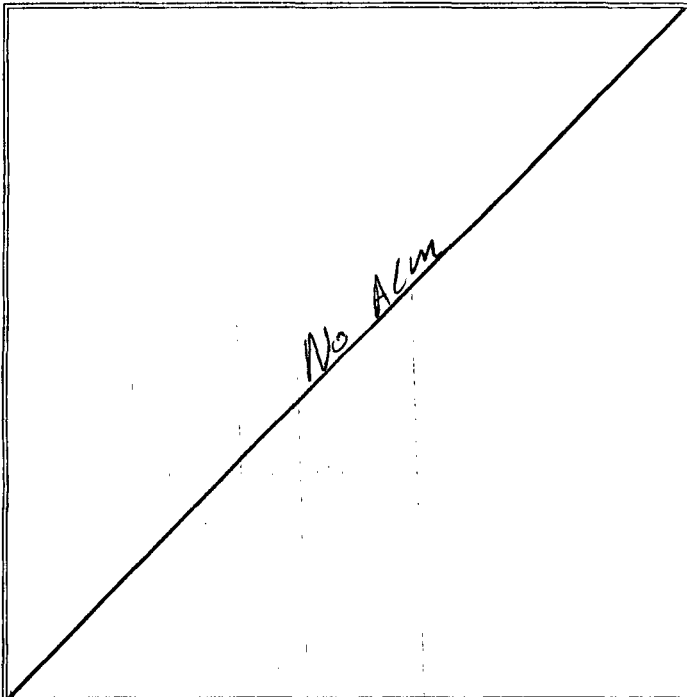
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	<u>No crawl space</u>

TEAM MEMBERS: MTL/PLL

005392

05-0609-540

Tracking Number 610 + 611

FIELD DATA SHEET 1

Revised 8/11/97

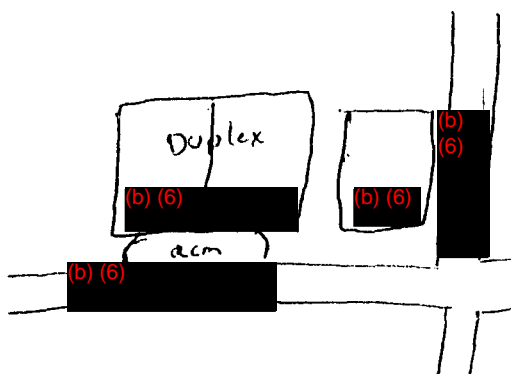
(b) (6) (OWNER)

Site Information:

Occupant: (b) (6) <u>VACANT</u>	Interviewee: (b) (6)
Address: (b) (6) <u>ALGERS LA</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	
(b) (6) <u>NEW OWNER</u> (b) (6)	

Site Description:

- 1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
- 2) Problems accessing yards (circle): locked gate; gate; dogs; other none
resolution: _____
- 3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV;
septic tank; other _____
Note location on site sketch.
- 4) Is any underground ACM present? (circle): yes; no; don't know
If yes, note on site sketch. How deep? _____

Site Sketch:

01-0610-510

01-0611-510

Estimated Volume of ACM: _____

Comments:

access mailed in on 10/15 - pallasBackfill: topsoil/sodDate/Time of Interview: Rhodes (10:30) 10/19/96 Access Granted (circle): yes noTeam Members: Rhodes

005393

8/11/97 GOT ACCESS FROM NEW OWNER

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Vacant	Interviewee: (b) (6)
Address: (b) (6)	ALGIERS La	
Phone No.: (b) (6)		
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)		
(b) (6)		

Site Description:

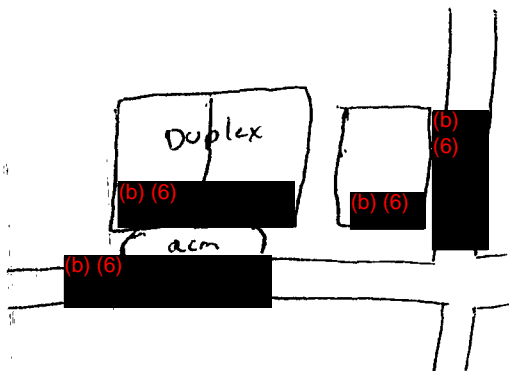
1) Description of property (circle): single home; duplex; business; school; daycare; church;
vacant house; vacant lot; other _____

2) Problems accessing yards (circle): locked gate; gate; dogs; other none
resolution: _____

3) Underground utilities installed by owner? (circle): no; water; maybe gas; electric; cable TV;
septic tank; other _____
Note location on site sketch.

4) Is any underground ACM present? (circle): yes; no; don't know
If yes, note on site sketch. How deep? _____

Site Sketch:



01-0610-510

01-0611-510

Estimated Volume of ACM: _____	
Comments:	access mailed in on 10/15 - pallas
Backup: tops011/sod	
Date/Time of Interview: Rhodes (10:30) 10/19/94	Access Granted (circle): <u>yes</u> no
Team Members: Rhodes	

owner: Please sign and return to our office behind #610/611
the Hawley State Building
at 2150 WB expway.
(trailer in rear) or

CONSENT FOR ACCESS TO PROPERTY

WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address (b) (6)

State/Zip: Algers

Phone Number(s): _____

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

August 22, 1997
DATE

(b) (6)

SIGNATURE

01-0610-520

01-0611-520

005395

610+611

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: NOLA 70114 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

August 8, 1997

DATE

(b) (6)

SIGNATURE

01-0610-520

01-0611-520

005396

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6), NEW ORLEANS, LA
State/Zip: LA 70119 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

08/16/1996
DATE

(b) (6)
SIGNATURE

01-0610-520

003397

01-0611-520

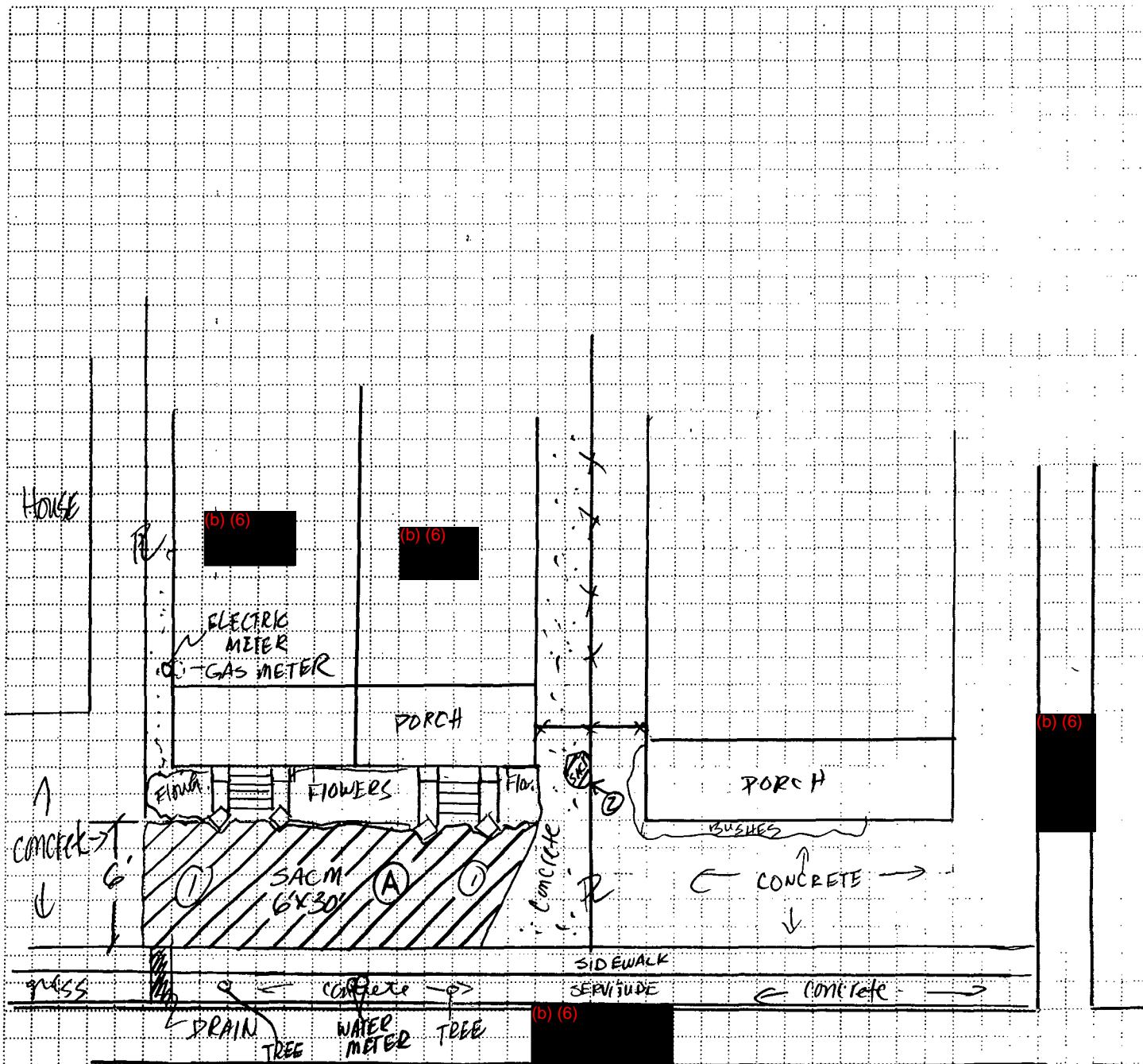
Algie

TRACKING # 610-611

SITE SKETCH

ADDRESS: (b) (6)

UPDATED: 1 / 1



NOTES:

N (NTS)
→

RESTORATION: A: concrete

B:

C:

ARRIVAL: 900

DEPARTURE: 920

TEAM: TH/SJ

RESTORATION APPROVED BY: (b) (6)

JM 7/2

DATE: 6/28/97
005398

(phone)

DATE: 8/11/97

TO IT 8/11 KJ.

01-0610-530

01-0611-530

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 610 + 611

ADDRESS:

(b) (6)

Algiers, La

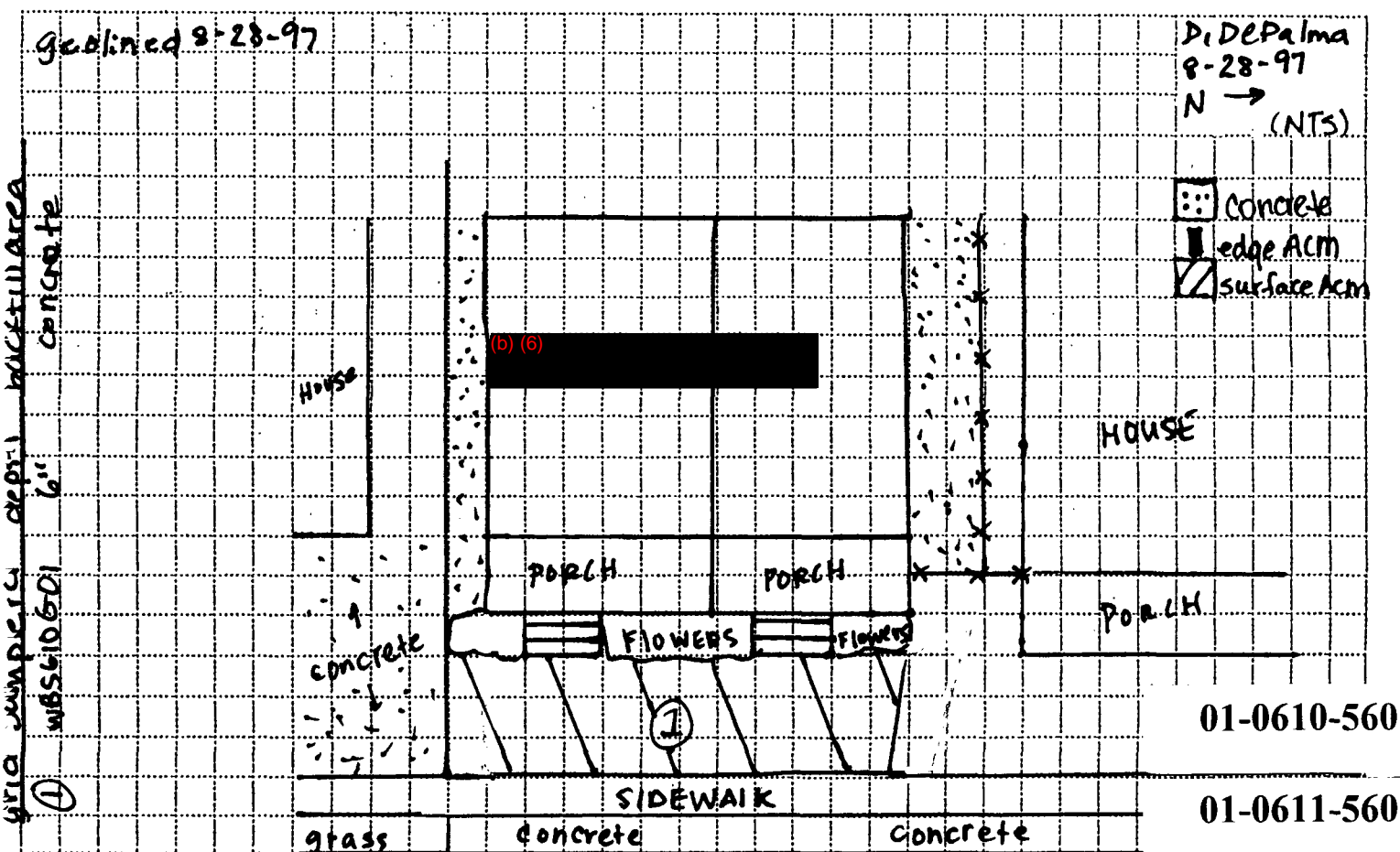
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE

Sienna del Palma

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
 Indianapolis, Indiana 46250
 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Alma Rillera
Ecology & Environmental
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Tuesday, September 02, 1997

Ref Number: IN97961

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 800/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS604G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS610G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS1050G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS1050G02		Brown Non-Fibrous Homogeneous	Crushed	2% < 1%	Chrysotile Crocidolite		80% Quartz 18% Other
WBS740G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% < 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS740G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% < 1%	Chrysotile Crocidolite		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

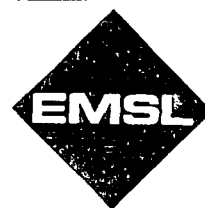
01-0610-570

01-0611-570

Margaret Phillips
 Margaret Phillips
 Analyst

Robert L. Harding
 Approved
 Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk 22016-0)



Ecology & Environmental
 11550 Newcastle Ave. #250
 Baton Rouge, LA 70816

Thursday, October 10, 1996

Ref Number: TX962394

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: WESTBANK ASBESTOS-REMOVAL SUPPORT

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm ²	fibers/cc
WBABC01	#013	10/2/96	7286.40	12.5	100	0.0004	15.92	0.0008
WBABC02	#013	10/2/96	7214.40	9.0	100	0.0004	11.46	0.0006
WBABC03	#013	10/2/96	7238.40	14.0	100	0.0004	17.83	0.0009
WBABC04	#013	10/2/96	7276.80	15.5	100	0.0004	19.75	0.0010
WBAAL01	#610/611	10/3/96	7252.80	13.0	100	0.0004	16.56	0.0009
WBAAL02	#610/611	10/3/96	7171.20	11.5	100	0.0004	14.65	0.0008

01-0610-572

01-0611-572

Steven Duhon
 Analyst

Approved
 Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.
 Analysis performed by EMSL of Houston.

Ecology & Environmental
 11550 Newcastle Ave. #250
 Baton Rouge, LA 70816

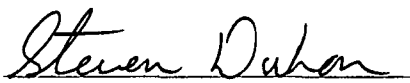
Thursday, October 10, 1996

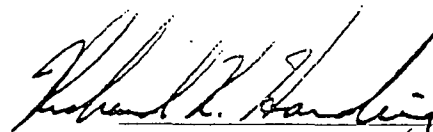
Ref Number: TX962394

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: WESTBANK ASBESTOS-REMOVAL SUPPORT

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm ²	fibers/cc
WBAAL03	# 610/611	10/3/96	7200.00	10.0	100	0.0004	12.74	0.0007
WBAAL04	# 610/611	10/3/96	7132.80	8.0	100	0.0004	10.19	0.0006
WBAMA01	# 314	10/4/96	7272.00	47.5	100	0.0004	60.51	0.0032
WBAMA02	# 314	10/4/96	7243.30	29.5	100	0.0004	37.58	0.0020
WBAMA03	# 314	10/4/96	7252.80	44.5	100	0.0004	56.69	0.0030
WBAMAFB-BLANK		10/4/96	0.00	0.0	100		0	


 Steven Duhon
 Analyst


 Approved
 Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.
 Analysis performed by EMSL of Houston.

WESTBANK ASBESTOS ABATEMENT
NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 610/611

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)					20. ⁰⁰		
Sand Installation (sq.yds.)							
Lower Lift Sand					20. ⁰⁰		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					1. ⁰⁰		
Concrete (cu.yds.)					2. ²⁵		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

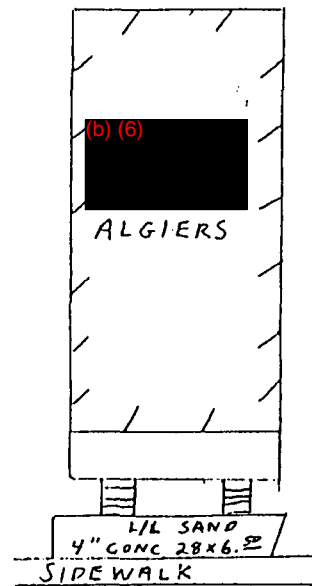
01-0610-590

01-0611-590

005403



By jt Date 8-28-97 Subject RESTORATION SITE # 610/611 Sheet No. ____ of ____
Chkd. By ____ Date ____ Proj. No. ____
0.5cm. X 0.5cm.



01-0610-590

01-0611-590

005404

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors #3 Vaughan Contractors Contact Person: Jerry Avery H.P. Vaughan

Address: 113 Ondine Lane #3 685 Bridge City Avenue

City: Slidell #3 Bridge City State: LA Zip: 70458 #3 70094 Telephone #: (504)646-0039 #3(504)436-7777

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals

Address: 1713 Winchester Place

City: Harvey State: LA Zip: 70058 Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale State: LA Zip: 70094 Telephone: (504)436-0244

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name: Title: Authority:

Date of order (MM/DD/YY) Date ordered to begin (MM/DD/YY)

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III, Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

005405

01-0610-550

01-0611-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 2140	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE) ORIGINAL REVISED CANCELED			
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.	La. Contractor's License #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane			
City: Slidell	State: LA	Zip: 70456	
Contact: Gerald Avery	Telephone: 504-646-0039		
OTHER OPERATOR:	DEQ Project Designer #:		
Address:			
City:	State:	Zip:	
Contact:	Telephone:		
III. TYPE OF OPERATION (CIRCLE ONE) Demol Ordered Demo Renovation Emergency Reno			
IV. IS ASBESTOS PRESENT? (CIRCLE ONE) YES NO		Inspection Date: Jan. - Apr. 1996	
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Duplex (#610/611)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Algiers	State: LA	Zip: 70114	Parish: Orleans
Site Location: In front of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I	Cat II
			UNIT
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 4
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)		Start: 11/1/96	Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)		Start: 11/1/96	Complete: 12/21/96

005406

01-0610-550

01-0611-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/21/98
SITE #: 0610

ADDRESS: (b) (6)
Algiers

ACM LOCATED BENEATH:

	HOUSE
	SHED

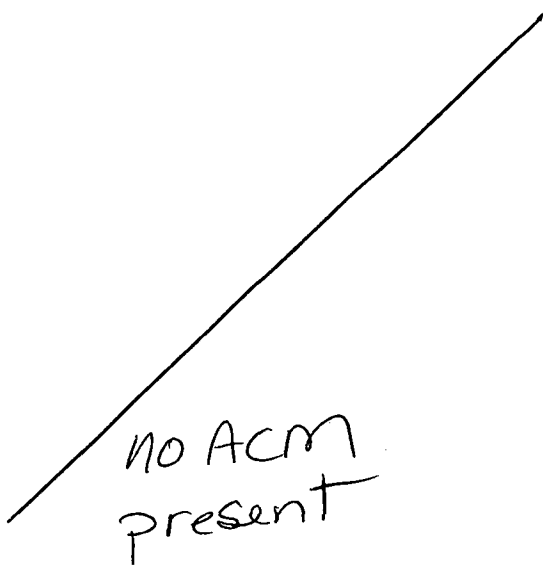
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

	CHUNKS
	POWDER
	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

 <p>no ACM present</p>	_____

TEAM MEMBERS: JS & EW

01-0610-540

005407

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/21/98

SITE #: 0611

ADDRESS:

(b) (6)

Higiers

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

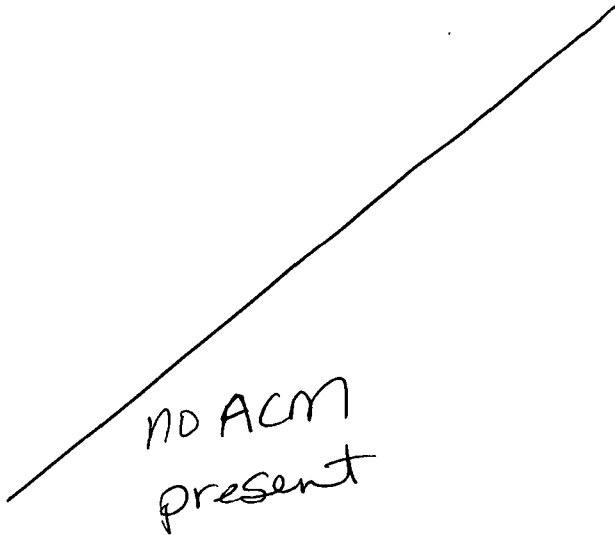
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

 <p>NO ACM present</p>	_____

TEAM MEMBERS:

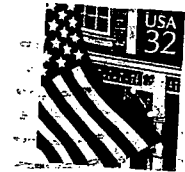
JS & EW

01-0611-540

005408

New City Company

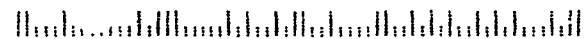
428 PLANTERS CANAL ROAD
BELLE CHASSE, LOUISIANA 70037



01-0610-600

01-0611-600

JOHN MARTIN OSC
U.S. EPA, Region 6 (6SF-R2)
1445 Ross Avenue
Dallas
TEXAS 75202



005409

FIELD DATA SHEET 1

NVA

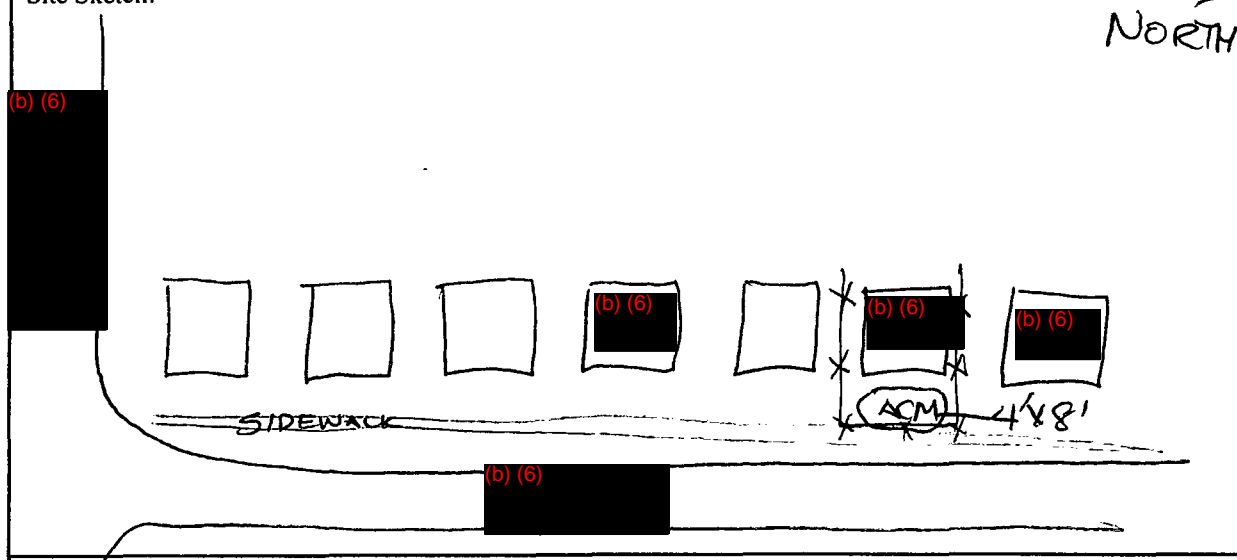
Site Information:

Occupant: <u>Vacant</u>	Interviewee: (b) (6)
Address: (b) (6) <u>Algers, LA</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): <u>locked gate</u> ; gate; dogs; other _____ resolution: <u>call owner for key</u>
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: Limestone w/ edging * call before arriving to unlock gateDate/Time of Interview: 10/3/94 12:30 Access Granted (circle): yes noTeam Members: Rhodes / T. H. Church

005410

01-0612-510

to: (b) (6) } Location of ACM

Tracking # 612

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Owner's Property's Address: (b) (6) Gaetna
State/Zip: LA 70052 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10-3-96
DATE

(b) (6)
SIGNATURE

01-0612-520

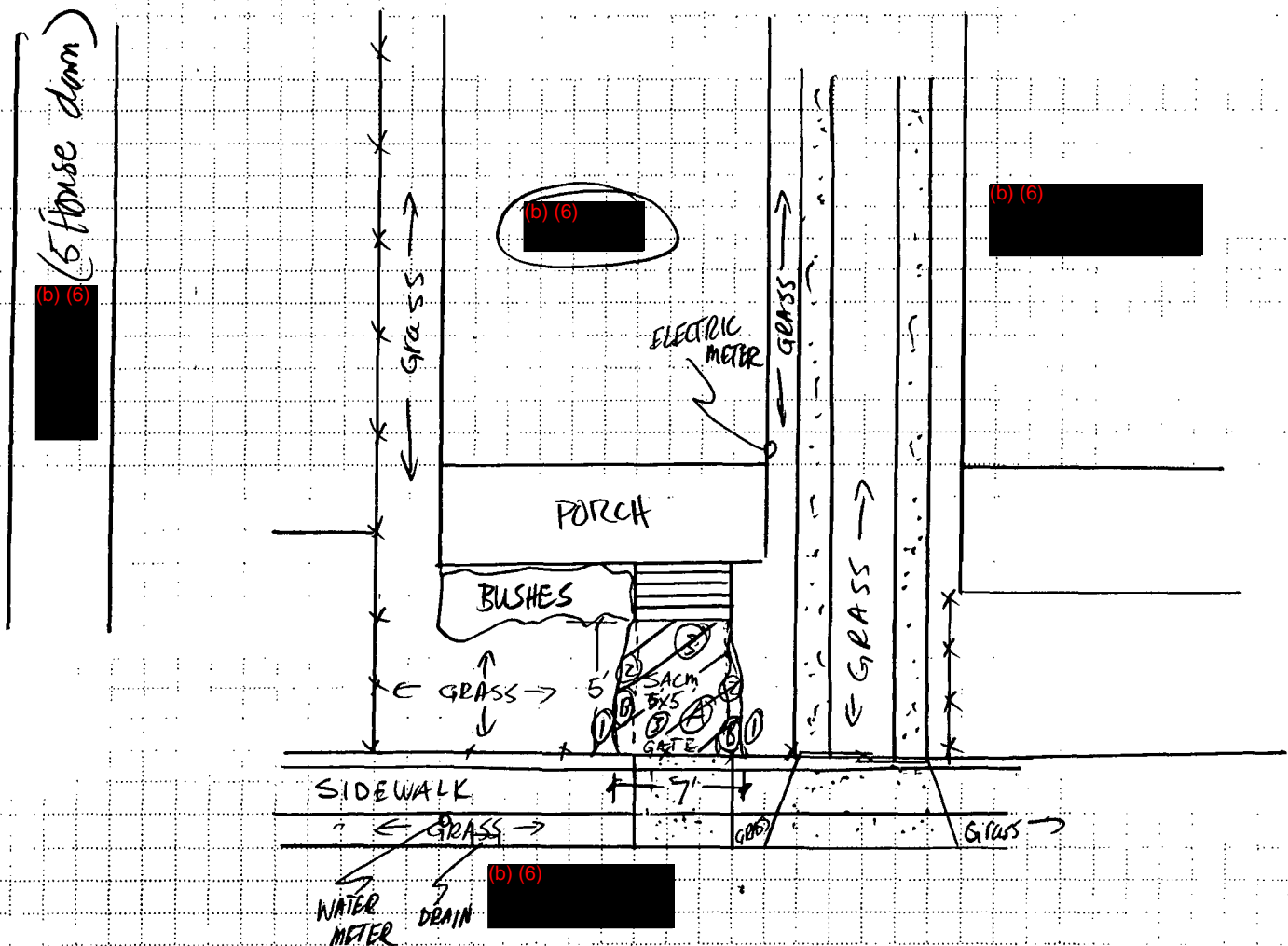
005411

TRACKING # 612

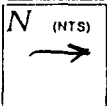
SITE SKETCH

ADDRESS:

UPDATED: 1/1



NOTES:



RESTORATION: A: Concrete (5' x 5')
B: Soil/sod remainder
C:

ARRIVAL: 800

DEPARTURE: 845

TEAM: 77/SJ

RESTORATION APPROVED BY:

005412

DATE: 6 128 197

(phone)

DATE: 7/10/97

7-10-97

01-0612-530

NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(S) TO BE USED:
Excavation of residential properties utilizing standard construction techniques.

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Crew will excavate ACM using wet methods and no visible emissions for engineering control. Ambient air monitoring/sampling will be conducted.

XII. WASTE TRANSPORTER #1

Name: Quality Contractors	#3 Vaughan Contractors	Contact Person: Jerry Avery	H.P. Vaughan
Address: 113 Ondine Lane		#3 685 Bridge City Avenue	
City: Slidell	#3 Bridge City	State: LA	Zip: 70458 #3 70094
		Telephone #: (504)646-0039 #3(504)436-7777	

WASTE TRANSPORTER #2

Name: B & S Equipment Co., Inc.	Contact Person: Billy Ryals
Address: 1713 Winchester Place	
City: Harvey	State: LA
Zip: 70058	Telephone #: (504) 340-2091

XIII. WASTE DISPOSAL SITE:

Name: Jefferson Parish Landfill (Kelvin Landfill)

Location: 5800 Avondale 90 West

City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244
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XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

Name:	Title:	Authority:
Date of order (MM/DD/YY)	Date ordered to begin (MM/DD/YY)	

XV. FOR EMERGENCY RENOVATIONS

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Crew will use wet methods to control any visible emissions.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III. Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Josh E. Hays 10-12-86
(Signature of Owner/Operator/Contractor)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Josh E. Hays 10-12-86
(Signature of Owner/Operator/Contractor)

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

00541311

01-0612-550

NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

# of ADVF's Requested 1	Parish # 1340	Source #	ADVF #
I. TYPE OF NOTIFICATION (CIRCLE ONE)		ORIGINAL	REVISED CANCELED
II. FACILITY INFORMATION		Contact: John Martin	
OWNER NAME: U.S. EPA Region 6		Telephone: 214-665-2270	
Mailing Address: 1445 Ross Ave			
City: Dallas	State: TX	Zip: 75202	
REMOVAL CONTRACTOR: Quality Environmental Constr.	La. Contractor's License #: 26445	DEQ ID #: 7S00008	
Address: 113 Ondine Lane			
City: Slidell	State: LA	Zip: 70456	
Contact: Gerald Avery	Telephone: 504-646-0039		
OTHER OPERATOR:	DEQ Project Designer #:		
Address:			
City:	State:	Zip:	
Contact:	Telephone:		
III. TYPE OF OPERATION (CIRCLE ONE)	Demo	Ordered Demo	Renovation Emergency Reno
IV. IS ASBESTOS PRESENT? (CIRCLE ONE)	YES	NO	Inspection Date: Jan. - Apr. 1996
Inspector's Name: Debra Bendily (LDEQ)		Inspector's Accreditation #: 6I0685	
V. FACILITY DESCRIPTION (Include building name, number, and floor or room number)			
Building/Component Name: Home (#612)		Fire Marshall Project #:	
Street Address: (b) (6)			
City: Algiers	State: LA	Zip: 70114	Parish: Jefferson
Site Location: In front of house		Telephone: NA	
Building Size: NA	# of Floors: NA	Age in Years: NA	
Present Use: NA		Prior Use: NA	
VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: Bulk Sampling - EPA Method 600/R-93/116			
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 0. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable Asbestos Material Not to be Removed	Indicate Unit Measurement Below
		Cat I Cat II	UNIT
Pipes			Ln Ft: Ln m:
Surface Area			Sq Ft: Sq m:
Vol RACM off Facility Component			Cu Ft: Cu yds: 1
VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)	Start: 11/1/96		Complete: 12/21/96
IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY)	Start: 11/1/96		Complete: 12/21/96

005114

01-0612-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

9/21/98

ADDRESS:

(b) (6)

Algiers

SITE #:

0612

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

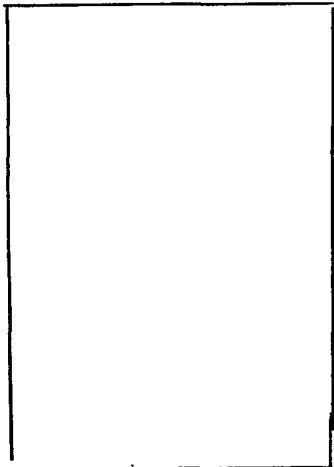
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

 <p>(b) (6)</p> <p>AcM</p>	<p><u>Locked gate. Possible</u></p> <p><u>AcM in front yard</u></p>

TEAM MEMBERS:

JS & ETW

005415

01-0612-540

FIELD DATA SHEET 1

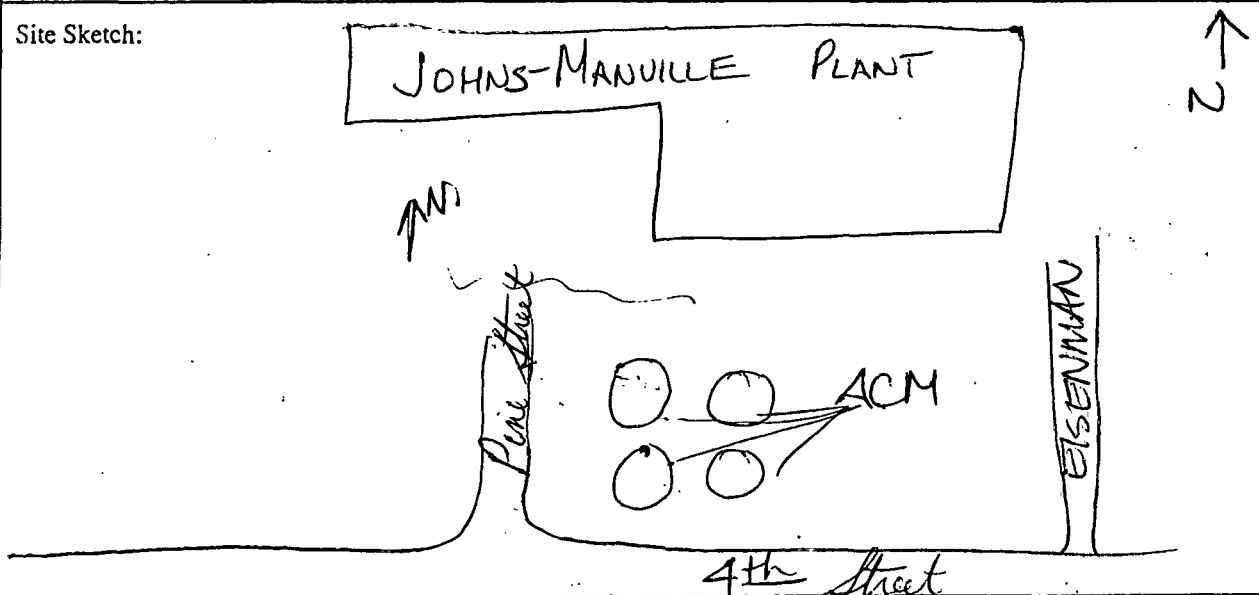
Site Information:

Occupant: <u> </u>	Interviewee: <u> </u>
Address: <u>4th + Pine Street, Marrero, LA</u>	
Phone No.: <u>342 0213</u>	
Owner Name, Address, and Phone No. if Different Than Occupant: <u>Archie Lowery</u> <u>6100 4th Street?</u> <u>Lowery Construction</u>	

Site Description:

1) Description of property (circle): single home; duplex; <u>business</u> ; school; daycare; church; vacant house; vacant lot; other <u> </u>
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u> </u> resolution: <u> </u>
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other <u> </u> Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? <u> </u>

Site Sketch:



Estimated Volume of ACM: <u> </u>	
Comments: <u>confirmed ACM 12/12 T/ML</u>	
Date/Time of Interview: <u>12/12/96</u>	Access Granted (circle): <u>yes</u> ; no
Team Members: <u> </u>	

07-0613-510

005416

613

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: LOWERY BROS RIGGING CENTER
Property's Address: 6100 4TH STREET MARRERO, LA
State/Zip: 70072 Phone Number(s): 347-0213

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA) 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/11/97
DATE

Richie Lowery Sr
SIGNATURE

TOTAL P. 02

07-0613-520

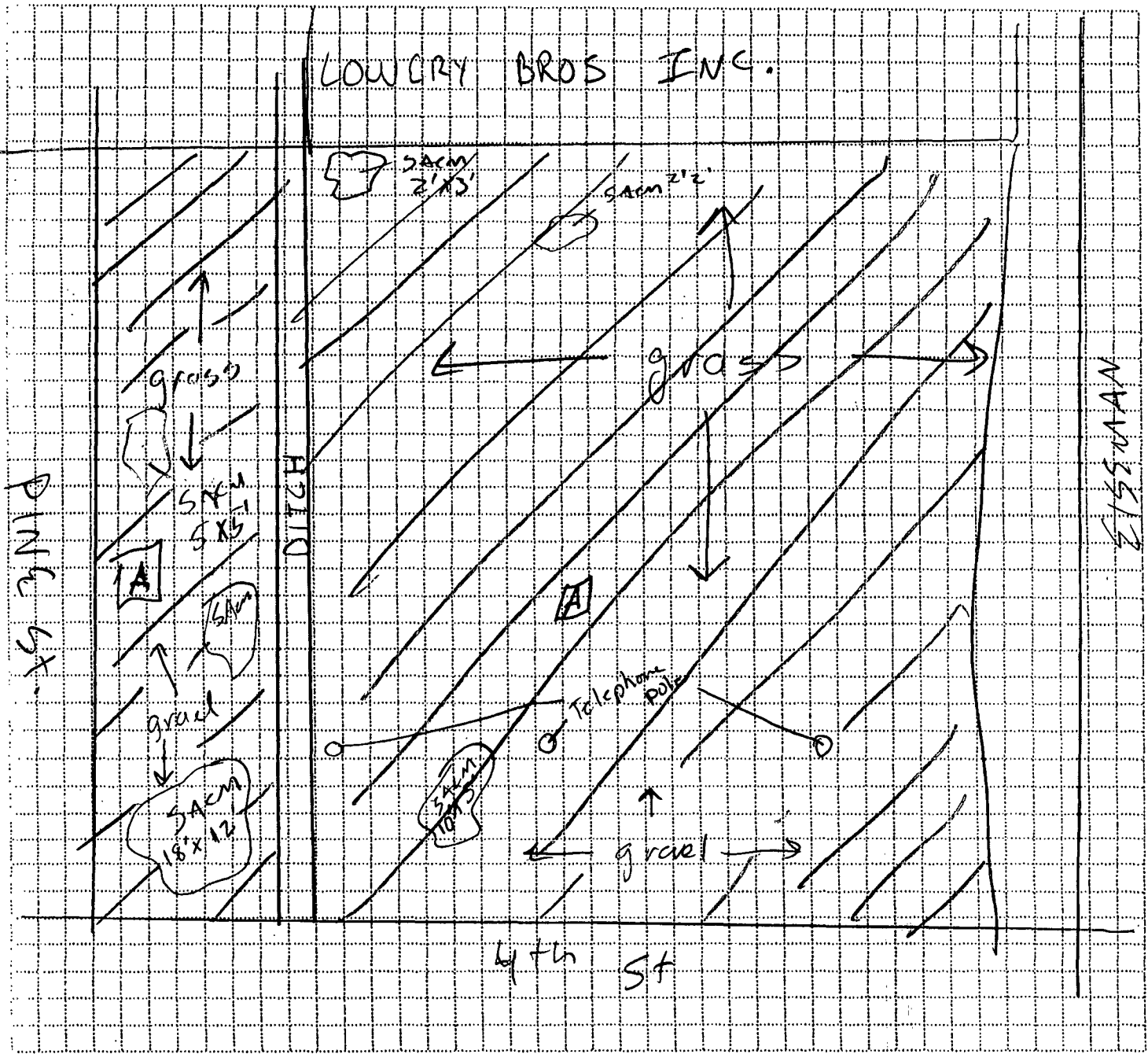
005417

TRACKING # 613

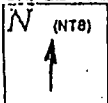
SITE SKETCH

ADDRESS: 4th + Pine MA.

UPDATED: 1/1



NOTES: Entire lot



#	COVER	THICKNESS

RESTORATION: A: Limestone
B:
C:
1

ARRIVAL: 11:00

DEPARTURE: 12:00

105418

RESTORATION APPROVED BY: _____

DATE: 1/1

TEAM: MM/AB/KJ

DATE: 9/11/97

07-0613-530

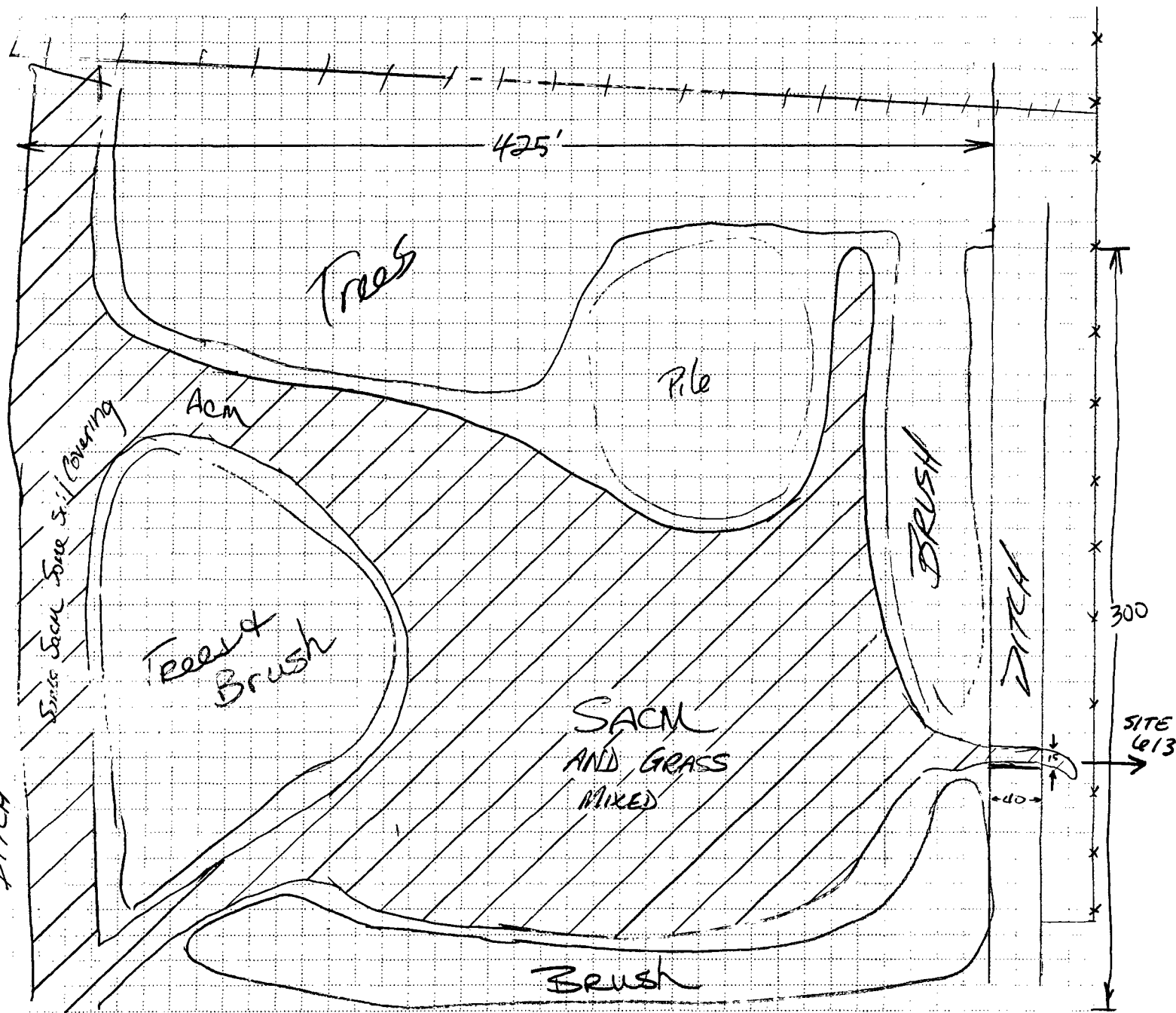
613

SITE SKETCH

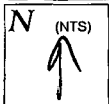
ADDRESS:

6100 4th St MA PG 2

UPDATED: / /



NOTES:



EST 1.5-2.0 Acres of ACM
Present. Total Area ~ 3.0
Acres

RESTORATION: A:

A:
B:
C:

ARRIVAL: 1000

DEPARTURE: 110

RESTORATION APPROVED BY:

DATE: / /

TEAM: GD / AL

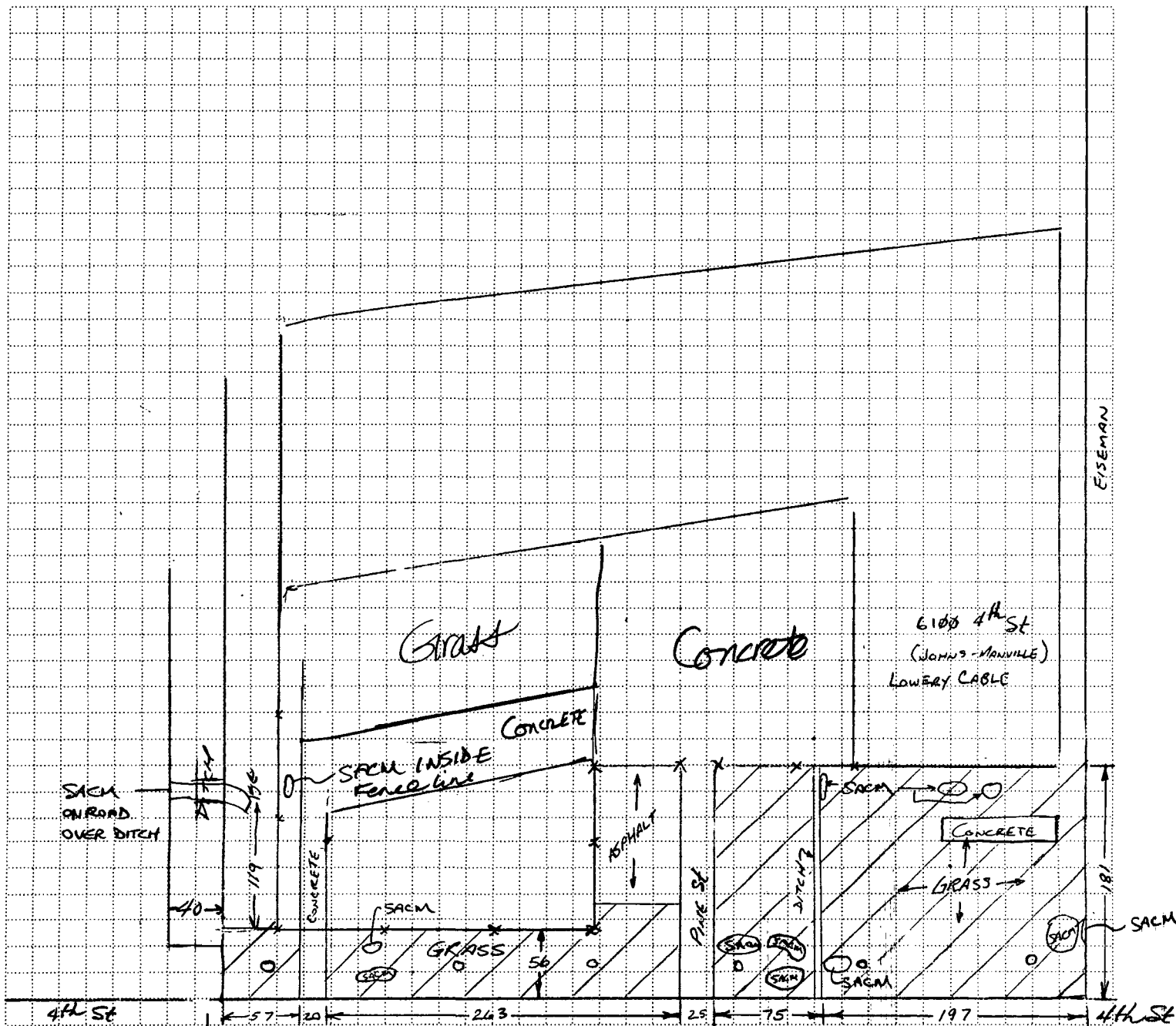
DATE: 10/23/97

07-0613-530

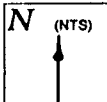
613

ADDRESS: 6100 4th St MA PG1

UPDATED: / /



NOTES:



AREA DESCRIBED IS ~ 1.5 ACRES

[illegible]

ARRIVAL: 1000

DEPARTURE: 1110

[illegible]

005420

RESTORATION APPROVED BY:

DATE: ____ / ____ / ____

TEAM: GD/AL

DATE: 10 123 1 97

07-0613-530

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9-21-98

ADDRESS: 6100

SITE #: 0613

4TH. ST.
MARRERO

✓ WAREHOUSE

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

APPR. CRAWL SPACE HEIGHT:

36"

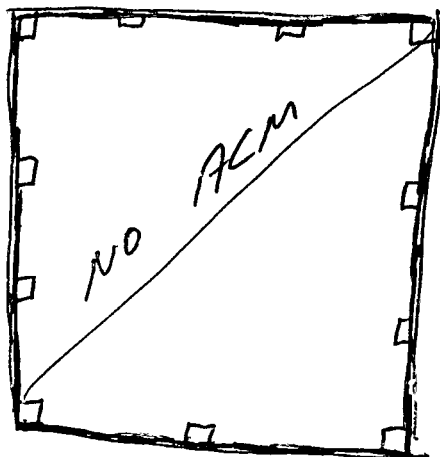
DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

0%

SKETCH OR COMMENTS:



ABOVE GROUND
WAREHOUSE, CRAWL SPACE
BLOCKED IN.

TEAM MEMBERS:

J.Y. & A.T.

01-0613-540

005421

Tracking Number 614

No visible ACM

FIELD DATA SHEET 1

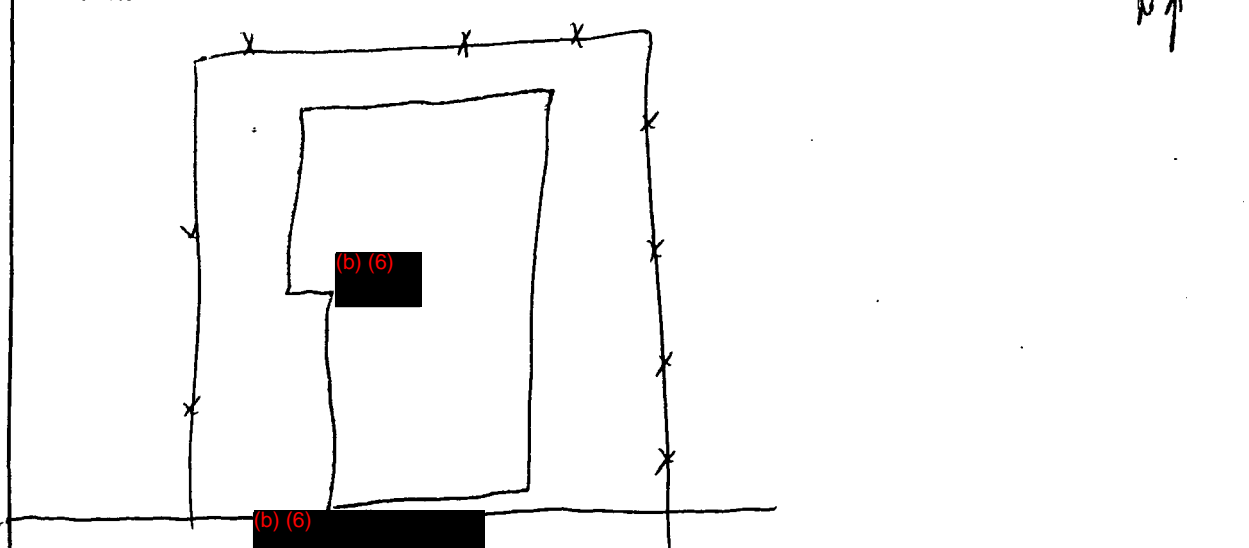
Site Information:

Occupant:	(b) (6)	Interviewee:	(b) (6)
Address:	Gretna, LA 70053		
Phone No.:			
Owner Name, Address, and Phone No. if Different Than Occupant:			
(b) (6)			

Site Description:

1) Description of property (circle):	single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle):	locked gate; gate; dogs; other <u>NA</u>
3) Underground utilities installed by owner? (circle):	no; water; gas; electric; cable TV; septic tank; other <u>NA</u>
Note location on site sketch.	
4) Is any underground ACM present? (circle):	yes; no; don't know
If yes, note on site sketch. How deep? _____	

Site Sketch:



Estimated Volume of ACM: _____

Comments: No visible ACMDate/Time of Interview: 11-18/1446Access Granted (circle): yes noTeam Members: JM/AR

005422

05-0614-510

TRACKING # 614
NO visible ACM

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: LA. 70053 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96
DATE

(b) (6)
SIGNATURE *[Signature]*

005423

05-0614-520

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/1/98
SITE #: 614

ADDRESS: (b) (6)

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

skirted

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<i>NO ACM</i> <i>Penman Allison</i>	_____

TEAM MEMBERS: DA/ML

05-0614-540

005424

FIELD DATA SHEET 1

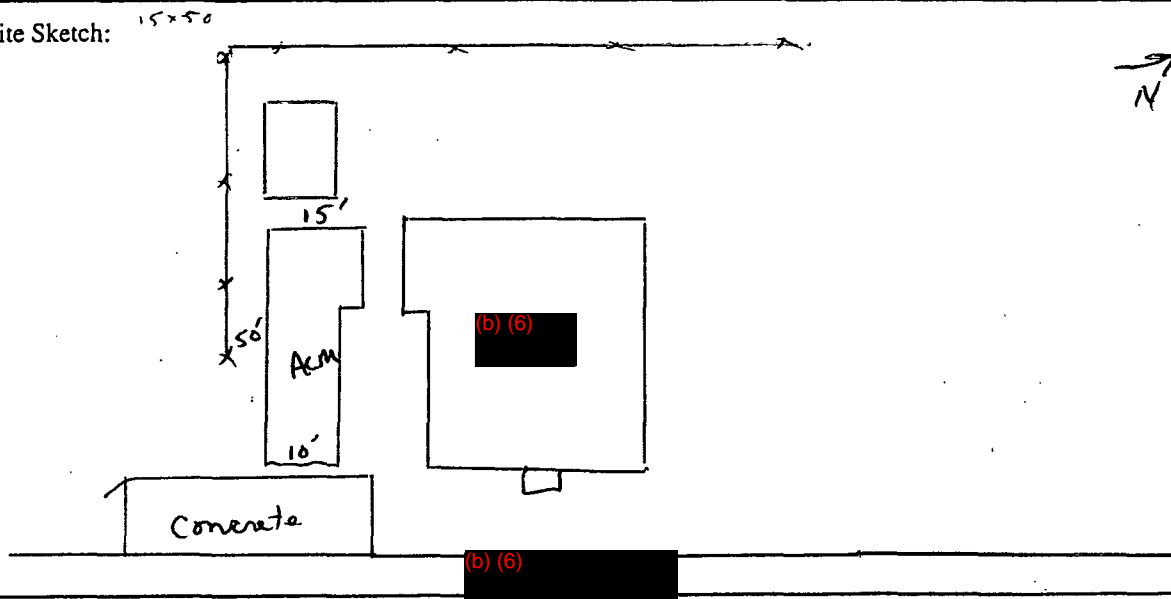
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6), <u>Alquiers, LA</u>	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) (b) (6) - caretaker	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>_____</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): <u>yes</u> ; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:

Estimated Volume of ACM: 550 ft²Comments: Wants concrete in drivewayDate/Time of Interview: 12/11 9:05Access Granted (circle): yes; noTeam Members: TC/ml

FIELD DATA SHEET 1

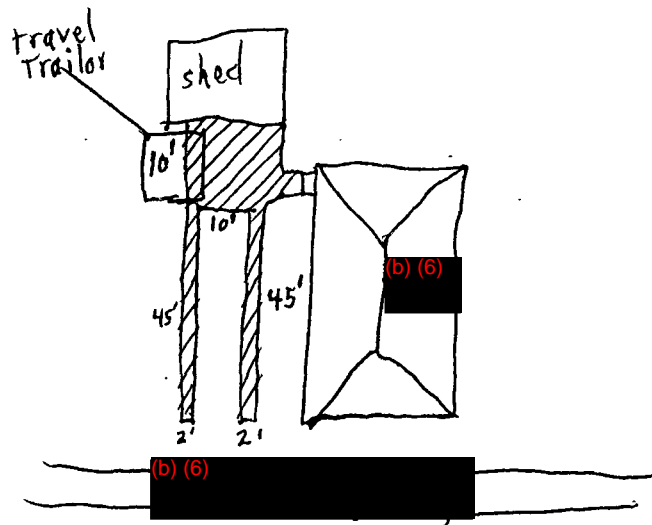
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: (b) (6)	615 ALGIERS
Phone No.: (b) (6)	mother in law's house)
Owner Name, Address, and Phone No. if Different Than Occupant: Call (b) (6), son in law to handle all matters pertaining to #615. (b) (6) 80 yrs old.	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>none</u> resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other <u>Don't know</u> Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>Don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



hatched = ACM
N →

01-0615-510

Estimated ^{Area} Volume of ACM: 300 ft²

Comments: (b) (6) (daughter + caretaker) concrete
sketch made 11-20-96 @ 1201, JM/AR Backfill: crushed limestone ok

Date/Time of Interview: 12/7/96 0955Access Granted (circle): yes noTeam Members: m&in

ACM flaking in driveway. concrete or limestone OK. 12-7-96

005426

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: Algeria La. Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
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 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

Sept 13, 1996
 DATE

(b) (6)
 SIGNATURE

I am her core tober

005427

01-0615-520

Algis

TRACKING #

615

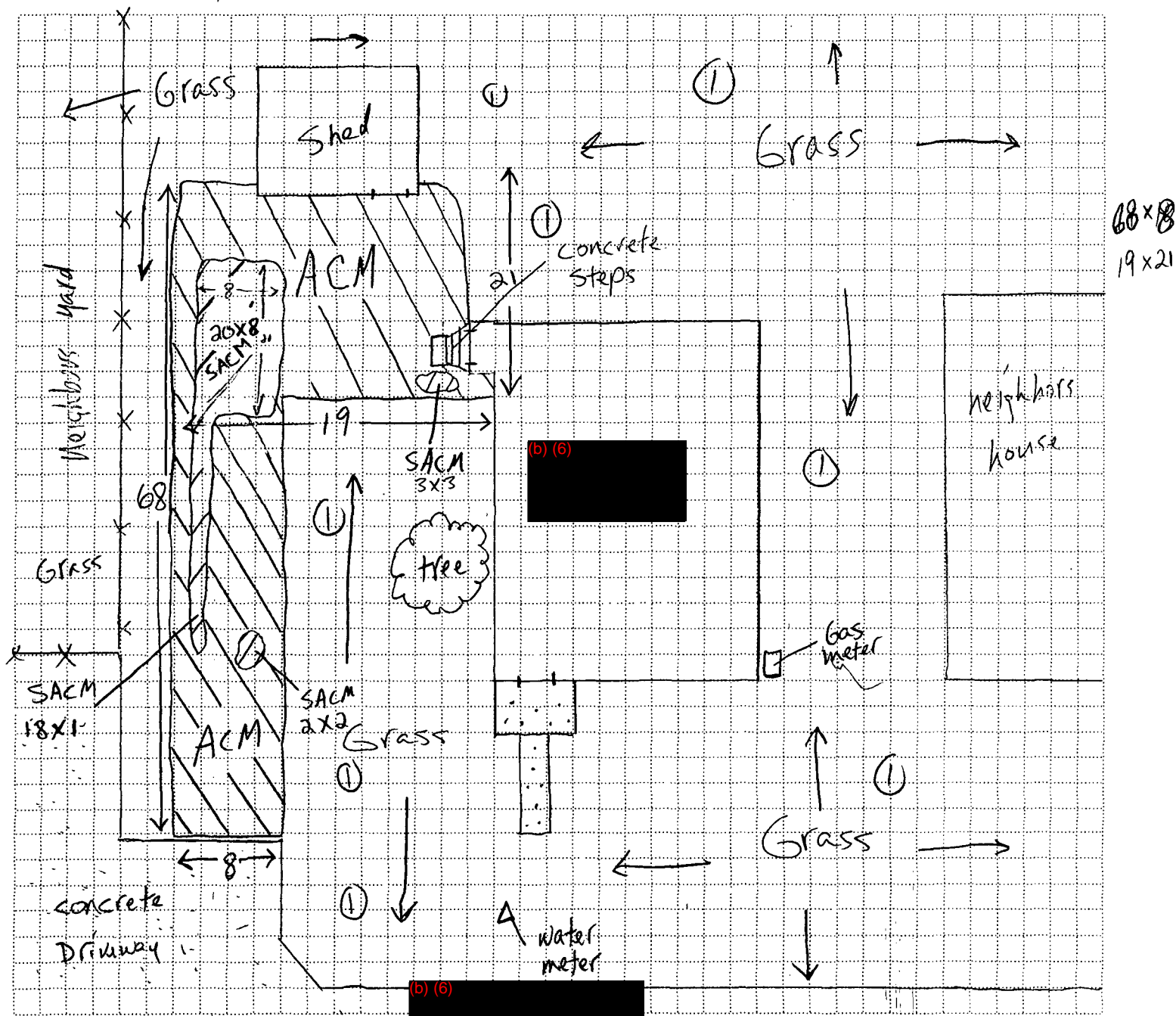
SITE SKETCH

ADDRESS:

(b) (6)

UPDATED:

1/1



NOTES:

N (NTS)



(*) Total ACM 180 sqft.

Signed off on Concrete for 10x18 at front of driveway

RESTORATION:

- A: and the rest lime stone
B:
C: SEE NOTE ABOVE

ARRIVAL: 0904

DEPARTURE: 0944

RESTORATION APPROVED BY:

tw 7/26/97

(b) (6)

01-0615-530

DATE: 1/1

TEAM:

BB / DM / JD

005420

DATE: 7/16/97

TO IT 7/30/97 PLW

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 615

ADDRESS: (b) (6)

New Orleans (Algiers), LA

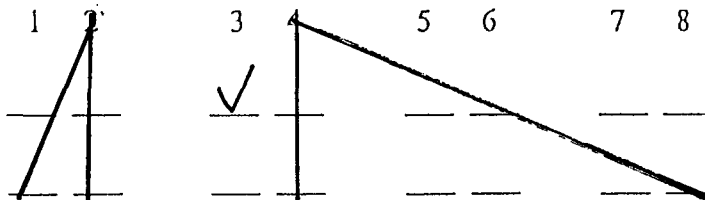
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO analyticals of 8-29-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 3 5 6 7 8

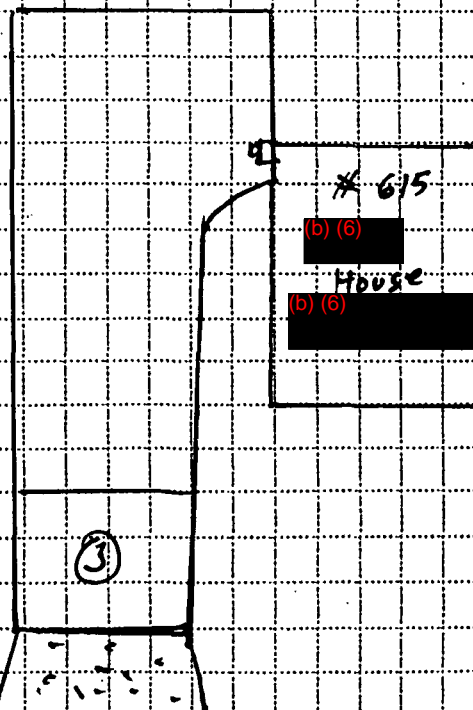
A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



Grid ③
Sample ID: 615-003
Depth: 6"
Backfill Area: concrete drive

• Geolined 8-29-97
• No Edge
• No Vis
Note: grid 3 was resampled. Grid three surface needed to be leveled. Sample 3 is post-level sample. It overlaps a portion of grid 1 which was sampled 8-27-97 min



01-0615-560

005429
AUTHORIZED EPA/START REPRESENTATIVE Maggiotti

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 615

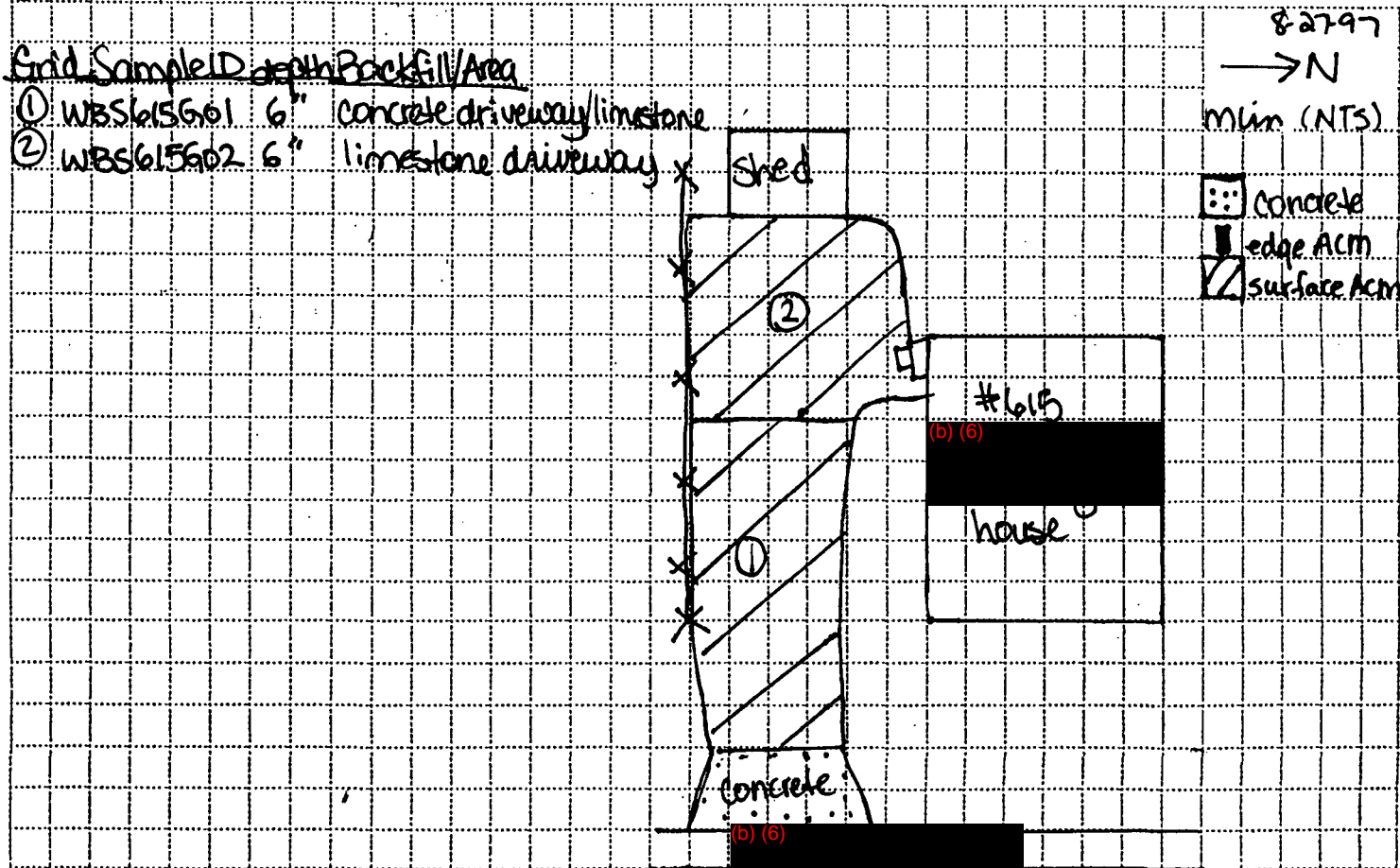
ADDRESS: (b) (6)
New Orleans (Algiers), LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no analytical as of 8-27-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

	GRID #:	1	2	3	4	5	6	7	8
A. PROCEED WITH RESTORATION:		<u>✓</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
B. FURTHER ACTION NECESSARY:		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Revised 8-27-97



005430

01-0615-560

AUTHORIZED EPA/START REPRESENTATIVE

Maggie

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Maggie Lin
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Friday, August 29, 1997

Ref Number: IN97946

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS1065G06	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			80% Quartz 18% Other
WBS1065G07		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			80% Quartz 20% Other
WBS615G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS615G02		Brown Non-Fibrous Homogeneous	Crushed	8% Chrysotile 2% Crocidolite			80% Quartz 10% Other
WBS874G03		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			80% Quartz 18% Other
WBS874G04		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile 1% Crocidolite			80% Quartz 17% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret J. Phillips

Margaret Phillips
Analyst

David H. Smith

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

2

01-0615-570

005431

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Deena DePalma
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Wednesday, September 03, 1997

Ref Number: IN97974

POLARIZED LIGHT MICROSCOPY (PLM)

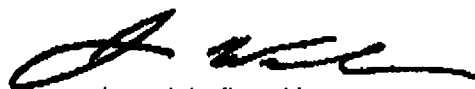
Performed by EPA 800/R-93/116 Method*

Project: 020801 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS977G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected			80% Quartz 20% Other
WBS1058G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS1058G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS1360G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS815G03		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile Crocidolite		80% Quartz 20% Other
WBS977G03		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method



Jane Wasilewski
Analyst



Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

2

01-0615-570

005432

I [REDACTED]
WANT THE ASBESTOS
REMOVED FROM MY
DRIVE WAY AT NO
COST TO ME

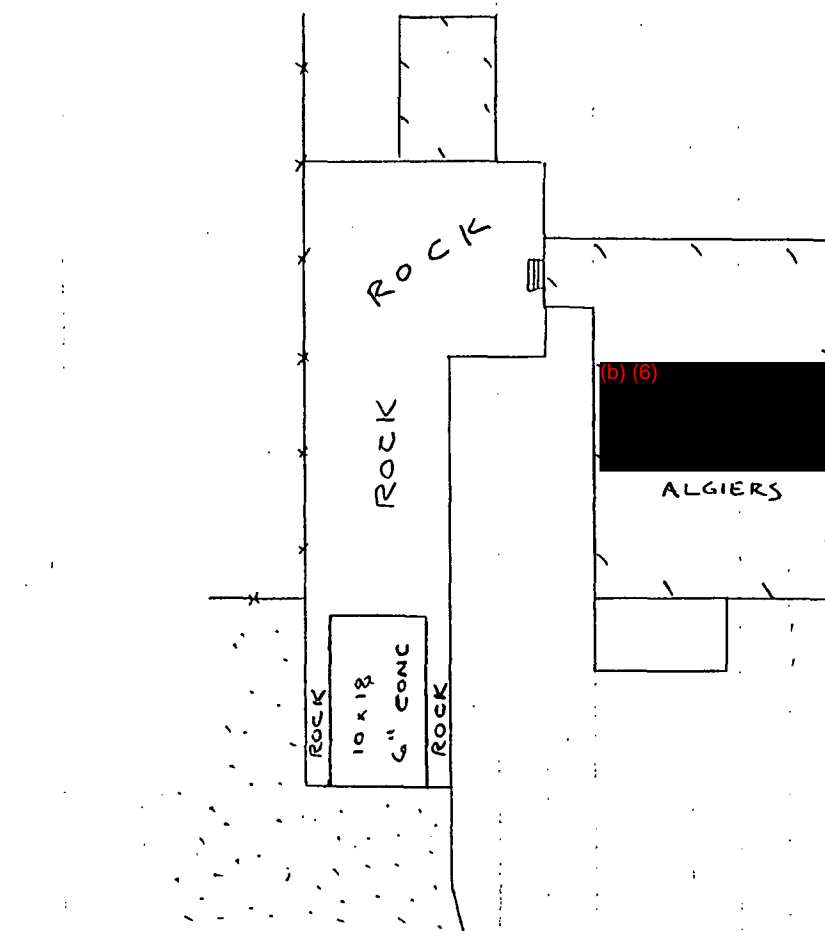
[REDACTED]

01-0615-520

005433



By PM Date 8-27-97 Subject RESTORATION SITE # 615 Sheet No. of
Chkd. By Date Proj. No.



01-0615-590

005434

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 615

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					115. ⁰⁰		
Gravel Installation (sq.yds.)							
3" Concrete Installation (sq. yds.)					20. ⁰⁰		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					32. ⁰⁰		
Sand (cu.yds.)							
Concrete (cu.yds.)					3. ⁰⁰		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

IT REPRESENTATIVE SIGNATURE

01-0615-590

SUB 1 SIGNATURE

SUB 2 SIGNATURE

005435

WESTBANK ASBESTOS REMOVAL PROJECT

NEW ORLEANS, LA

DATE: 9/22/98

SITE #: 0615

ADDRESS:

(b) (6)

Algiers

ACM LOCATED BENEATH:

<input type="checkbox"/>
<input type="checkbox"/>

HOUSE
SHED

APPR. CRAWL SPACE HEIGHT:

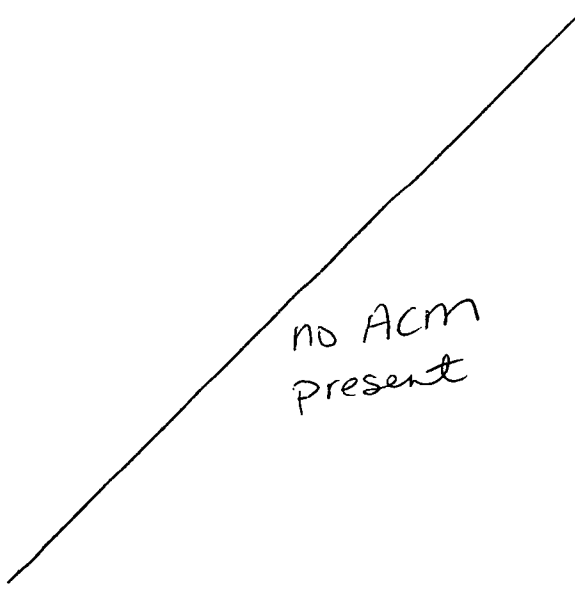
DESCRIPTION OF ACM:

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

CHUNKS
POWDER
SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

 <p>no ACM present</p>	<p>Empty lot w/overgrown Vegetation</p>

TEAM MEMBERS:

JS & EW

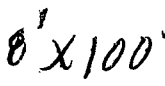
005436

01-0615-540

~~Need location~~ sm

(b) (6)

Site Sketch:



Comments: Backfill: limestone w/ edging

Access Granted (circle): yes no

005437

05-0616-510

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6)
State/Zip: ALABAMA Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/12/96
DATE

(b) (6)
SIGNATURE

05-0616-520

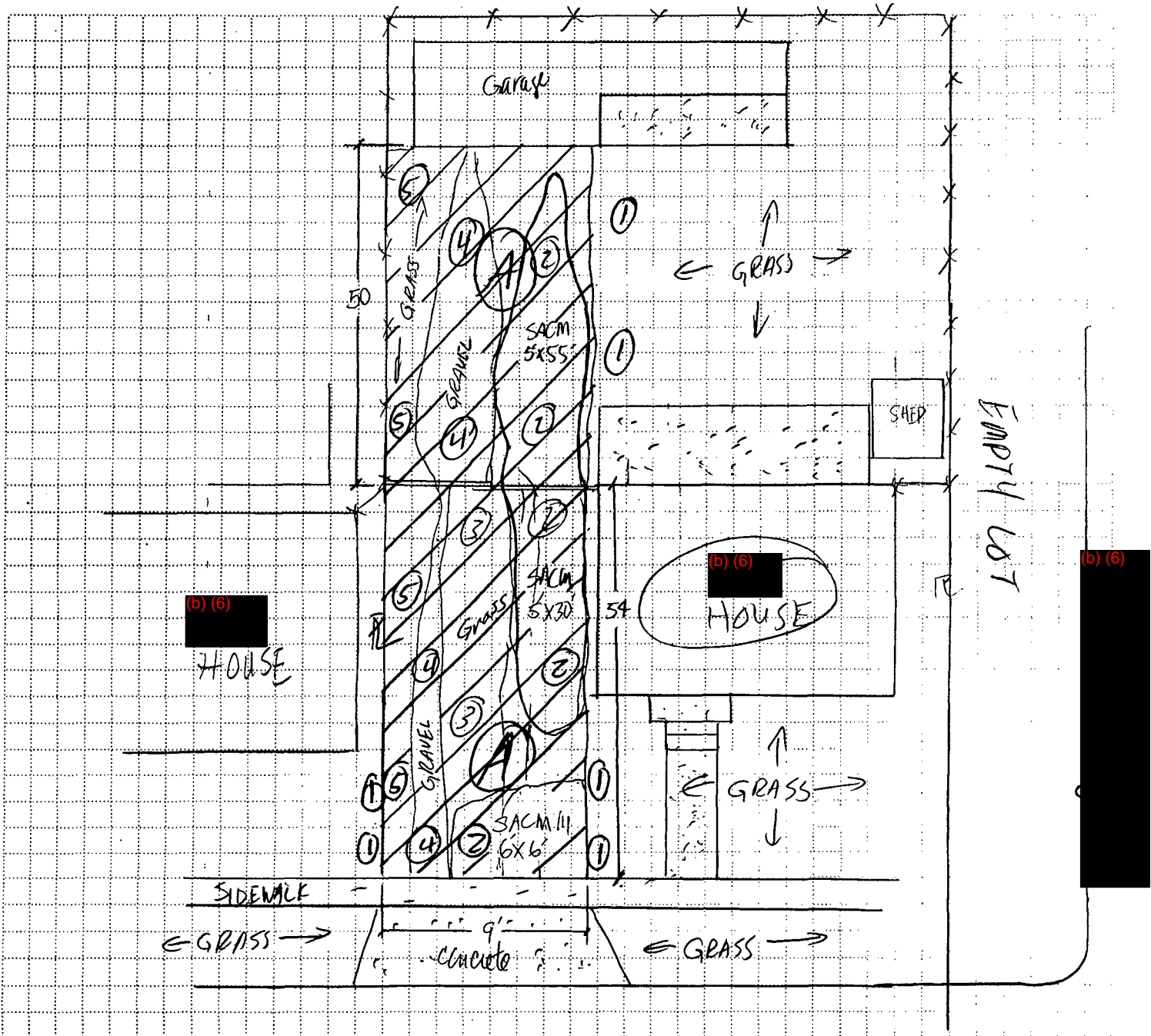
005438

TRACKING # 616

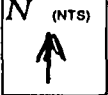
SITE SKETCH

ADDRESS: (b) (6)

UPDATED: 1 / 1



NOTES:



RESTORATION: A: 'Limestone (8' x 100')'
B:
C:

ARRIVAL: 400
DEPARTURE: 430

TEAM: TI/SJ JM 7/2

#	COVER	THICKNESS
1	6" sod/soil	
2		4" SACM
3	3" sod/soil	3" ACM
4	2" gravel/shell	3" ACM
5	3" sod/soil/shell	5" ACM

05-0616-530

RESTORATION APPROVED BY (b) (6) (phone) DATE: 7/10/97

DATE: 6/27/97
5139
TO IT 7-10-97

WESTBANK ACM REMOVAL PROJECT

SAMPLE ANALYSIS CONFIRMATION

USEPA START TEAM

FYI:

SITE# 616

ADDRESS: (b) (6)

Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No Analytical data

Received as of 07-29-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

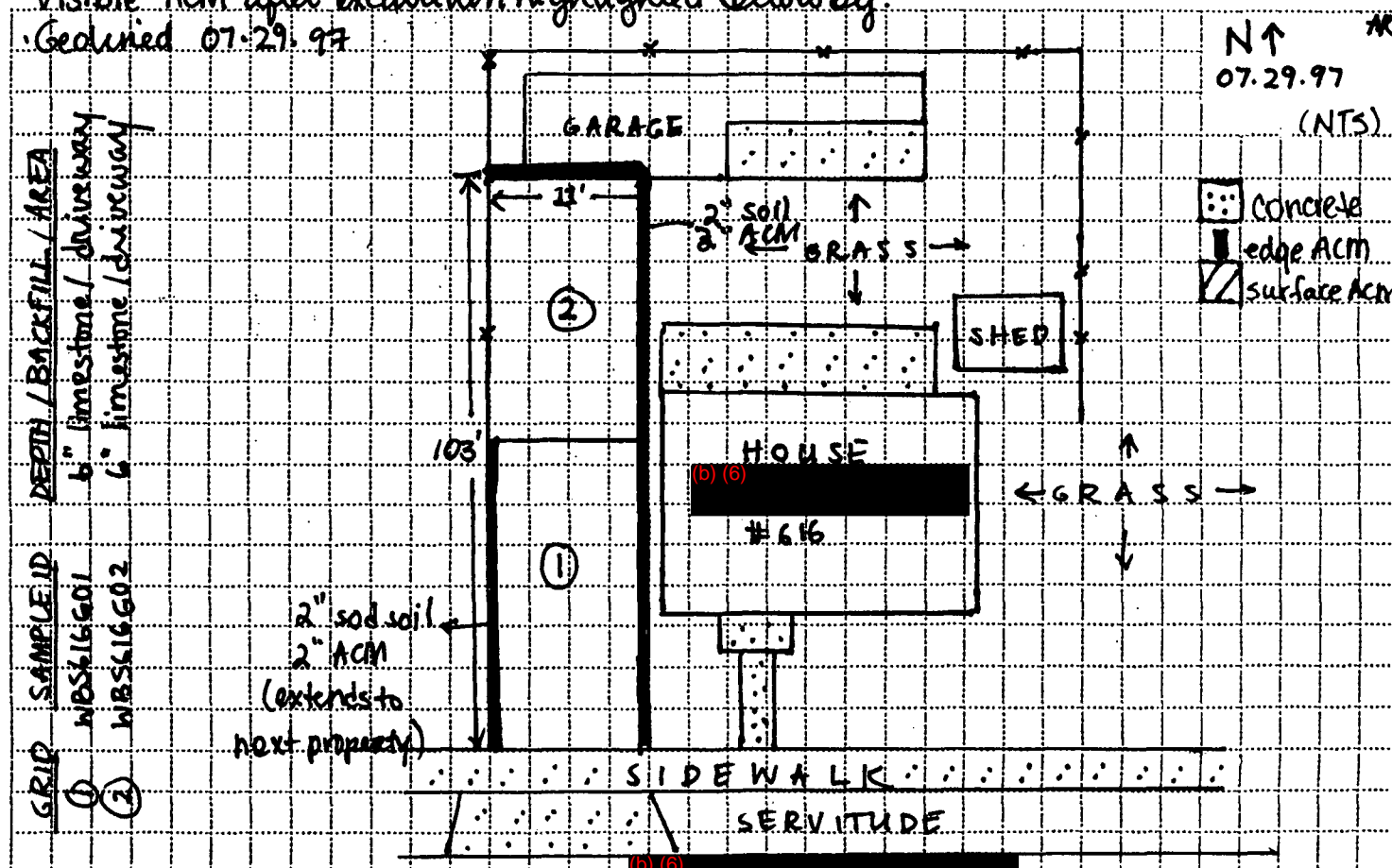
GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ✓ ✓

B. FURTHER ACTION NECESSARY:

Visible ACM after excavation highlighted below by:

Geotined 07-29-97



N ↑
07.29.97
(NTS)

05-0616-560

AUTHORIZED EPA/START REPRESENTATIVE

A. R. Miller

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Gregory R. Day
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Thursday, July 31, 1997

Ref Number: IN97642

EMSL**POLARIZED LIGHT MICROSCOPY (PLM)**

Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS703G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected			80% Quartz 20% Other
WBS1055G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS1055G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected			80% Quartz 20% Other
WBS616G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS616G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected			80% Quartz 20% Other
WBS596G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips
Margaret Phillips
Analyst

[Signature]
Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipees should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

05-0616-570

005141

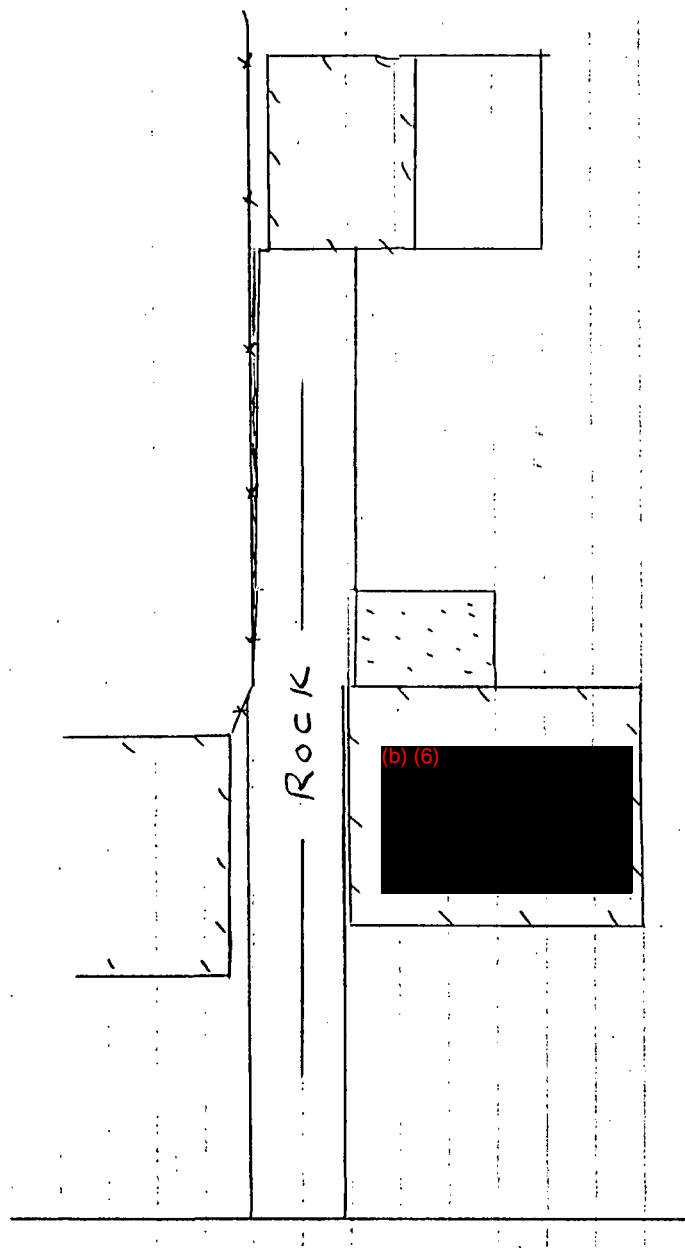


INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 7-30-97 Subject RESTORATION SITE # 616 Sheet No. _____ of _____

Chkd. By _____ Date _____ Proj. No. _____



005442

05-0616-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 616

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					125.00		
Gravel Installation (sq.yds.)							
4" Concrete Installation (sq. yds.)							
6" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					36.00		
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

CLIENT REPRESENTATIVE SIGNATURE _____

05-0616-590

SUB 1 SIGNATURE _____

005443

SUB 2 SIGNATURE _____

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/27/08
SITE #: 0016

ADDRESS: (b) (6)

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

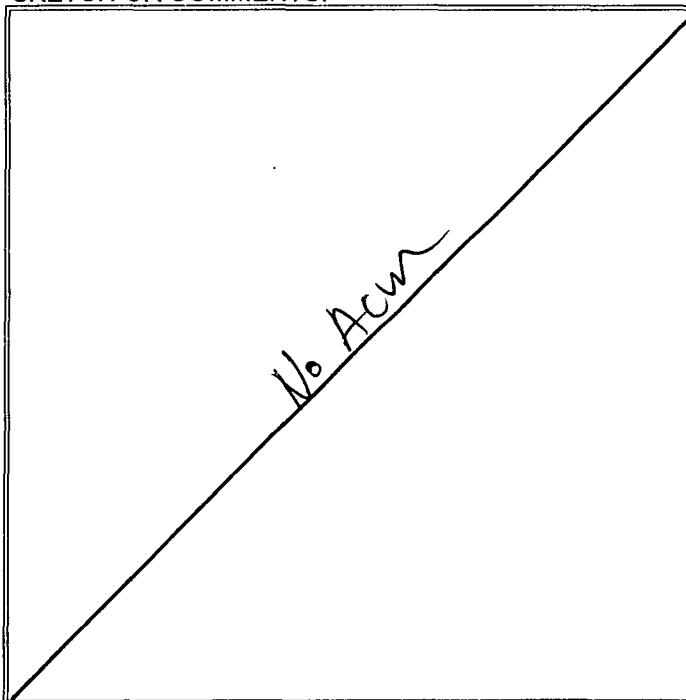
APPR. CRAWL SPACE HEIGHT: _____

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM) _____

SKETCH OR COMMENTS:

	_____

TEAM MEMBERS: PLL/MTL

005444

05-0616-540

FIELD DATA SHEET 1

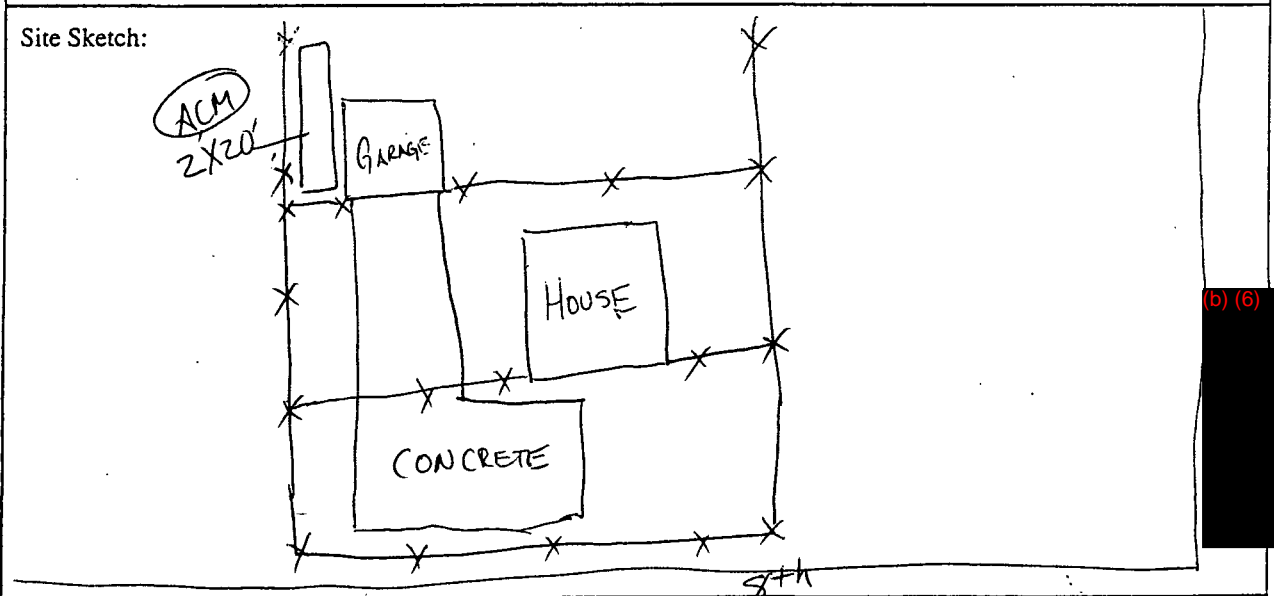
Site Information:

Occupant: (b) (6)	Interviewee: Daughter
Address: (b) (6)	Marrero, LA
Phone No. (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: Same	

Site Description:

1) Description of property (circle): <u>single home</u> duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; <u>gate</u> ; <u>dogs</u> ; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:

Estimated Volume of ACM: 40ft²

Comments: Daughter called in on 12/2/96 at 0756 hrs to have property investigated for ACM - reported ACM in back of house by garage.

*crushed limestone*Date/Time of Interview: 12/2/96Access Granted (circle): yes; noTeam Members: SN/ML

005445

07-0617-510

617

CONSENT FOR ACCESS TO PROPERTY

WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: LA

Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12-2-96

DATE

(b) (6)

SIGNATURE

005446

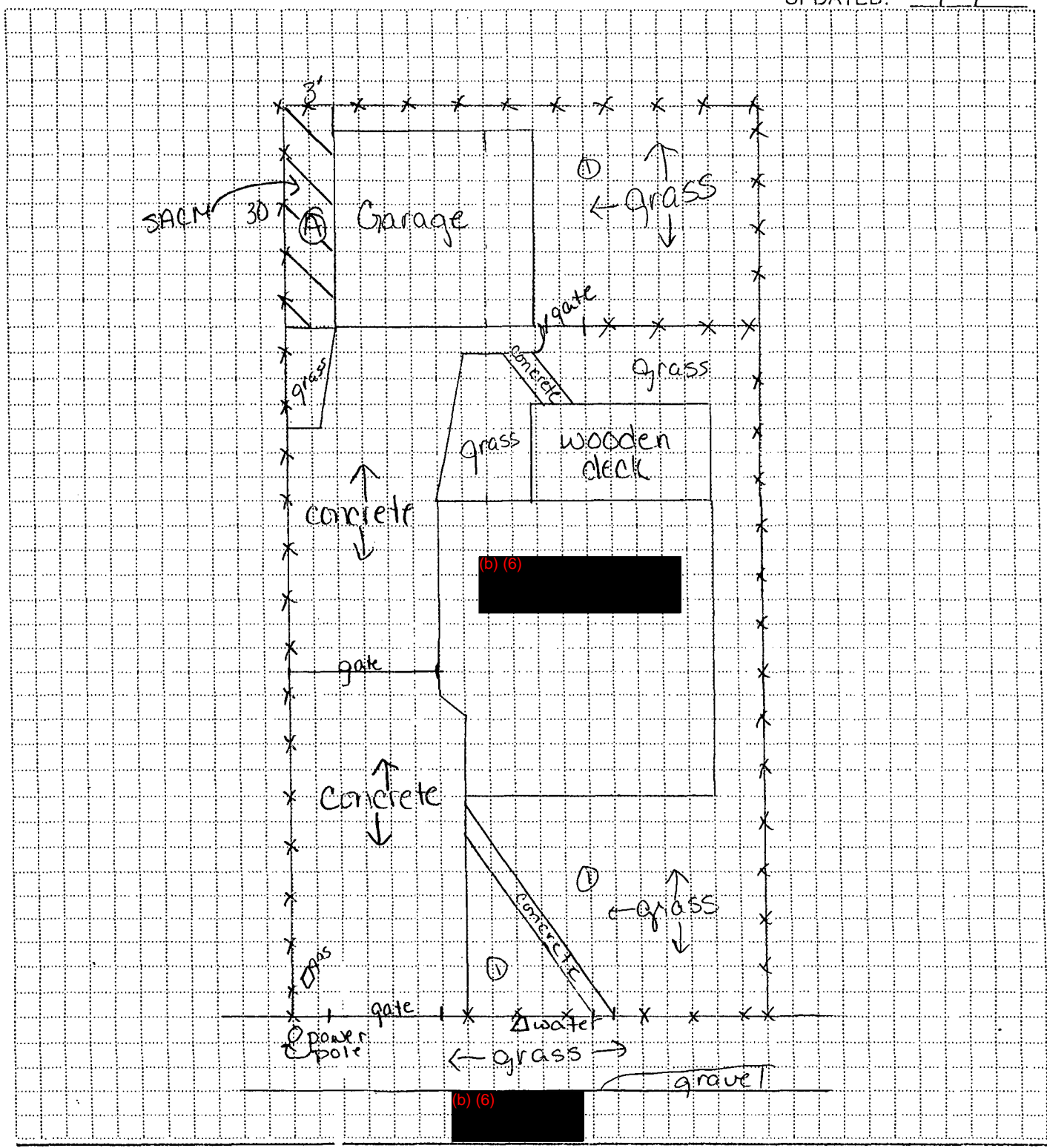
07-0617-520

TRACKING # 617

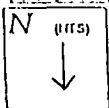
SITE SKETCH

ADDRESS: (b) (6)

UPDATED: 1/1



NOTES:



#	COVER	THICKNESS
①	4 to 6" grass + soil	—

RESTORATION: A: limestone
B:
C:

ARRIVAL:
DEPARTURE:

005447

07-0617-530

RESTORATION APPROVED BY:

DATE: 05/23/97

TEAM: KS/PH/ALL 05/24/97

DATE: 05/23/97 TO 5/26

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 617

ADDRESS: (b) (6)

Marrero, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 6/25/97

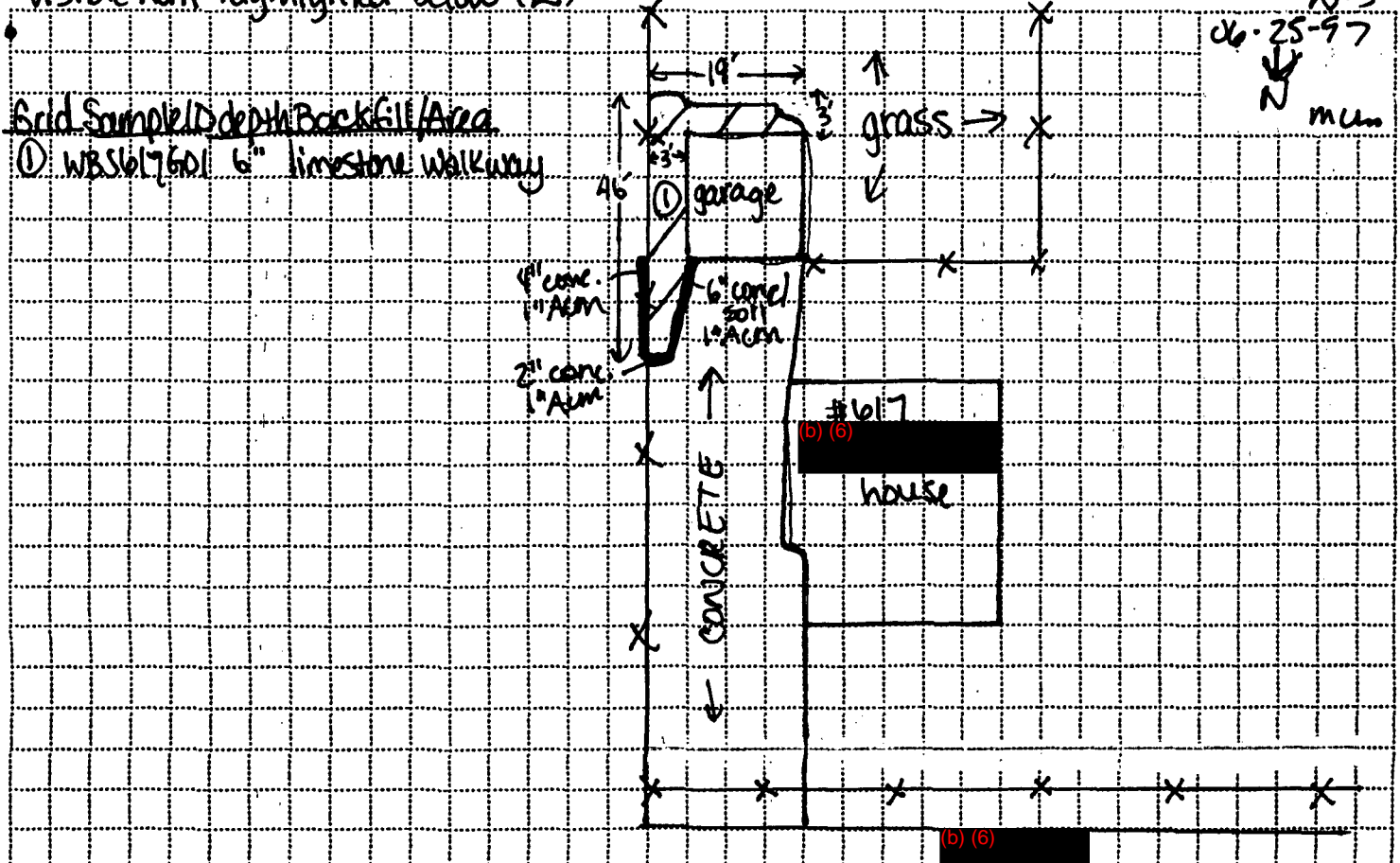
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒

B. FURTHER ACTION NECESSARY: ☐

• visible ACM highlighted below: (X)



AUTHORIZED EPA/START REPRESENTATIVE

Laurena Paul

07-0617-560

Westmont, NJ 909-858-4800 Princeton, NJ 908-981-0550 Carlisle, PA 717-241-7281 Manhattan, NY 212-290-0052 Seattle, WA 206-233-9007 Ann Arbor, MI 313-668-8810 San Mateo, CA 415-570-5401 Smyrna, GA 404-333-8085 Greensboro, NC 910-297-1487 Houston, TX 713-686-3635



Attn.: Barbara Storey
Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, July 01, 1997

Ref Number: TX972639

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS / 020601RAGI

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS233G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS817G01		Brown Fibrous Homogeneous	Teased	5%	Chrysotile		95% Other
WBS321G03		Brown Fibrous Homogeneous	Teased	2%	Chrysotile		95% Other
WBS227G01		Brown Fibrous Homogeneous	Teased	3%	Chrysotile		97% Other
WBS041G01		Brown Fibrous Homogeneous	Teased	4%	Chrysotile		96% Other
WBS1285G01		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "N of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 105-1 Method

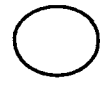
Arthur Hernandez, Jr.
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. These negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMRI of Houston (NVLAP Air and Bulk #102100).

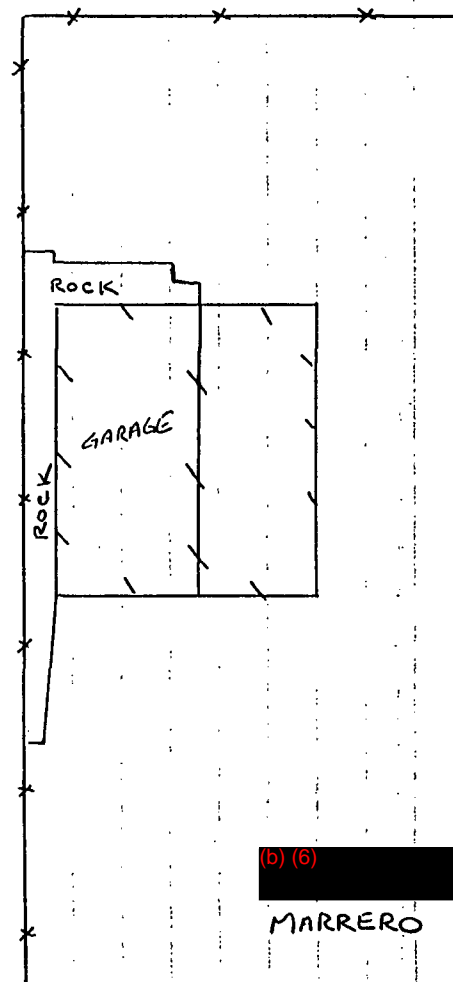
07-0617-570

005449



By PM Date 6-26-97 Subject RESTORATION SITE # 617 Sheet No. _____ of _____

Chkd. By _____ Date _____ Proj. No. _____



(b) (6)

MARRERO

005150

07-0617-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 617

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					21. ⁰⁰		
Gravel Installation (sq.yds.)							
4" Concrete Installation (sq. yds.)							
6" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					5. ⁰⁰		
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

CLIENT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

005451

07-0617-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/24/98
SITE #: 617

ADDRESS: (b) (6)
Marrero

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

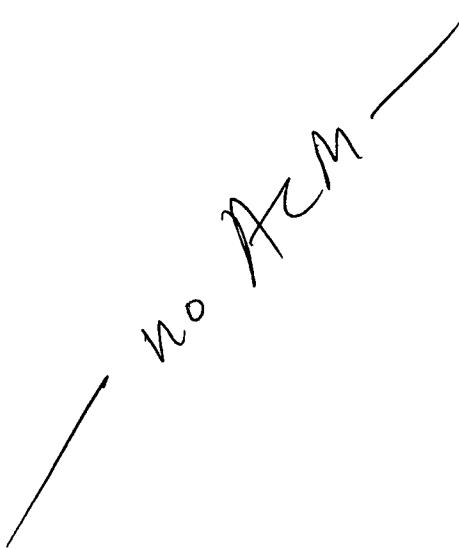
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	<u>siding</u>

TEAM MEMBERS: RL/JS

07-0617-540

005152

11-19 sketch made, owner not home JM/AR

FIELD DATA SHEET 1

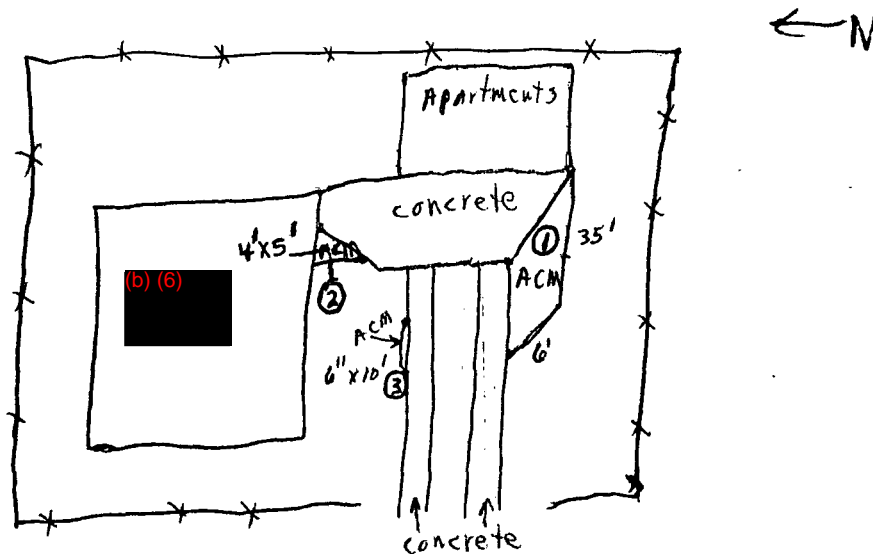
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Gretna, La 70054</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: <u>same as above</u>	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:

Estimated ^{area} Volume of ACM: 215 ft²Comments: Back fill: ① & ② concrete
③ soil/sodDate/Time of Interview: 11-19 / 1340Access Granted (circle): (yes) noTeam Members: JM/AR

005453

05-0618-510

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6) GREYNA
State/Zip: LA 70054 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96

DATE

(b) (6)

SIGNATURE

005454

05-0618-520

TRACKING #

618

SITE SKETCH

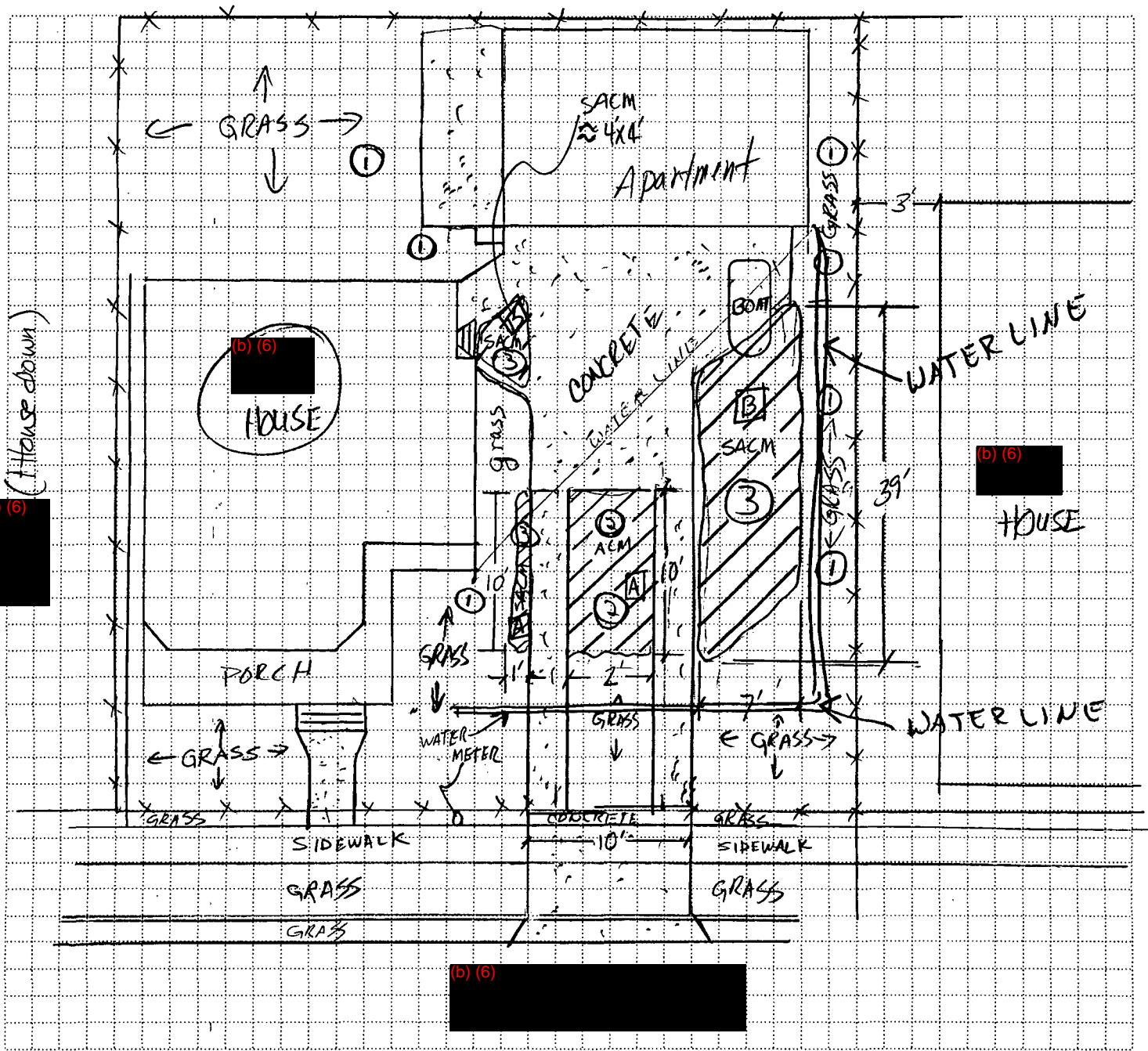
ADDRESS:

(b) (6)

Gyatra

UPDATED:

1/1



NOTES:

N (NTS)



RESTORATION:

A: SOIL/SOD

B: CONCRETE $\approx (4 \times 4) + (7 \times 3)$

C:

ARRIVAL:

DEPARTURE:

005455

05-0618-530

RESTORATION APPROVED BY:

(b) (6)

Via Phone @ 1815 DATE: 7/21/97

TEAM:

TT/SJ/DM

JM 7/9

DATE:

6/24/97

TO IT 7/22/97
JRD

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 618

ADDRESS: (b) (6)

Guthrie

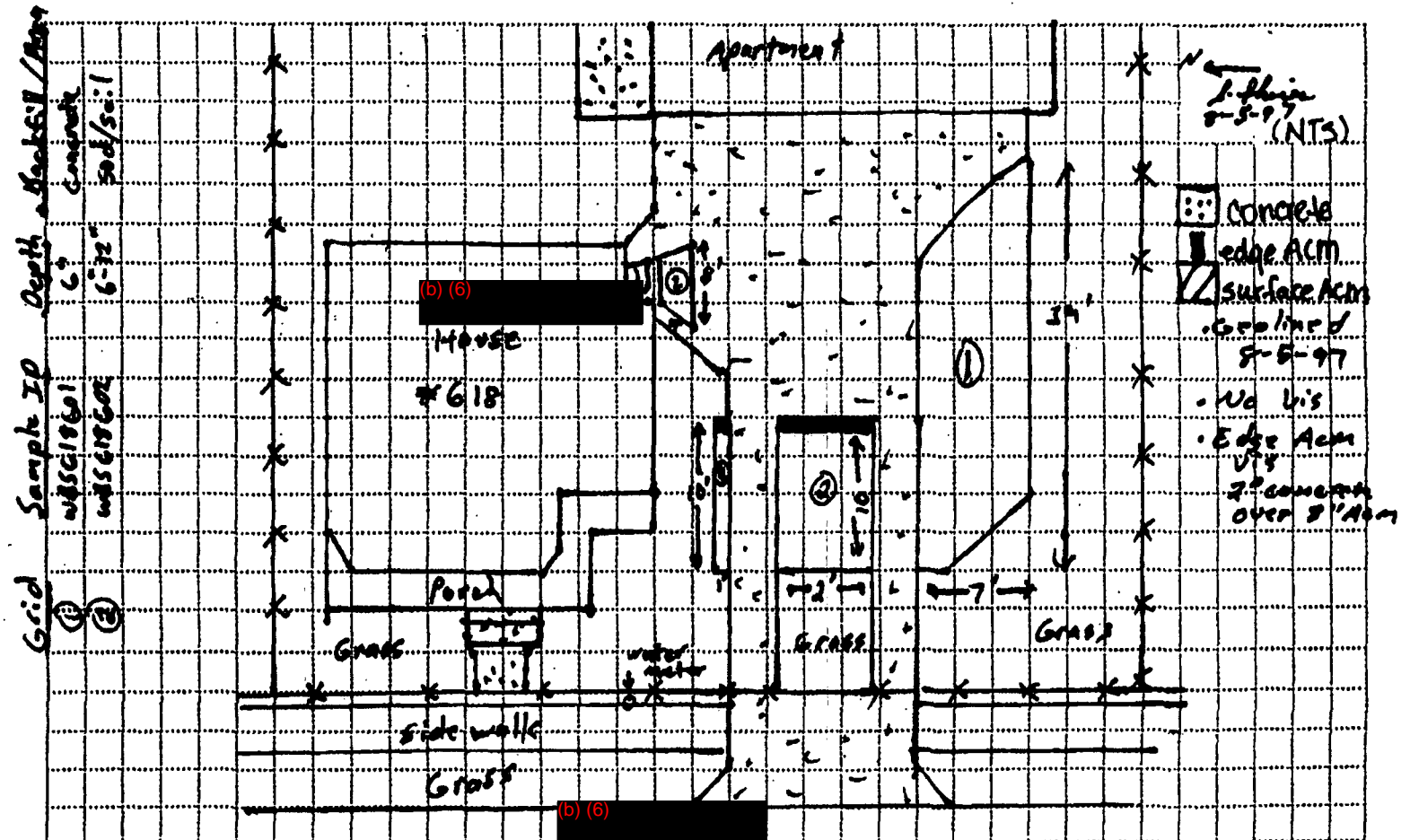
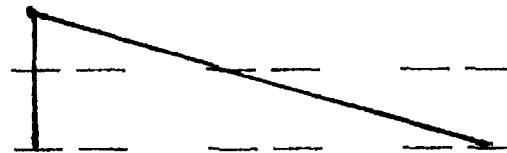
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 08-07-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ✓ ✓

B. FURTHER ACTION NECESSARY:



005456

05-0618-560

AUTHORIZED EPA/START REPRESENTATIVE Alma Rilleria

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Alma Rillera
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Thursday, August 07, 1997

Ref Number: IN97727

EMSL**POLARIZED LIGHT MICROSCOPY (PLM)**

Performed by EPA 600/R-93/116 Method*

Project: 020801 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS878G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other
WBS878G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other
WBS346G01		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			40% Quartz 58% Other
WBS346G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other
WBS346G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			40% Quartz 60% Other
WBS816G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected			80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Note: Sample WBS1216G01 could not be homogenized due to the nature of the sample submitted

Jane Wasilewski
Analyst

005457

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

05-0618-570

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Alma Rillera
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Thursday, August 07, 1997

Ref Number: IN97727

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 800/R-93/116 Method*

Project: 020601 RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS618G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		80% Quartz 20% Other
WBS594G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		40% Quartz 60% Other
WBS712G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		80% Quartz 20% Other
WBS712G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		80% Quartz 20% Other
WBS712G03		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		80% Quartz 20% Other
WBS700G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 195-1 Method

Note: Sample WBS1216G01 could not be homogenized due to the nature of the sample submitted

Jane Wasilewski
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200168-C).

2

05-0618-570

005458

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, Indiana 46250
Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Gregory Day
Ecology & Environmental
11550 New Castle Avenue
Baton Rouge, LA 70816

Friday, August 08, 1997

Ref Number: IN97720

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule. (AHERA)

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE ID	VOLUME (liters)	ASBESTOS TYPE(S)	# STRUCTURES			AREA ANALYZED (mm ²)	CONCENTRATION OF ASBESTOS STRUCTURES		ANALYTICAL SENSITIVITY (AS/cc)
			< 5 μ	\geq 5 μ	NONASB		AS/mm ²	AS/cc	
WBA618HF4	3016.00	None Detected			0	0.0480	<20.8333	<0.0027	0.0027
WBA357HF8	2201.68	None Detected			0	0.0480	<20.8333	<0.0036	0.0036
WBA618HF1	3038.40	None Detected			0	0.0480	<20.8333	<0.0026	0.0026

Comments: For "None Detected" samples, the number under AS/cc is equal to the analytical sensitivity.

Richard K. Harding
Analyst


Approved
Signatory

Disclaimer: The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.

Accredited for PLM/TEM NVLAP #200188-0

05-0618-573

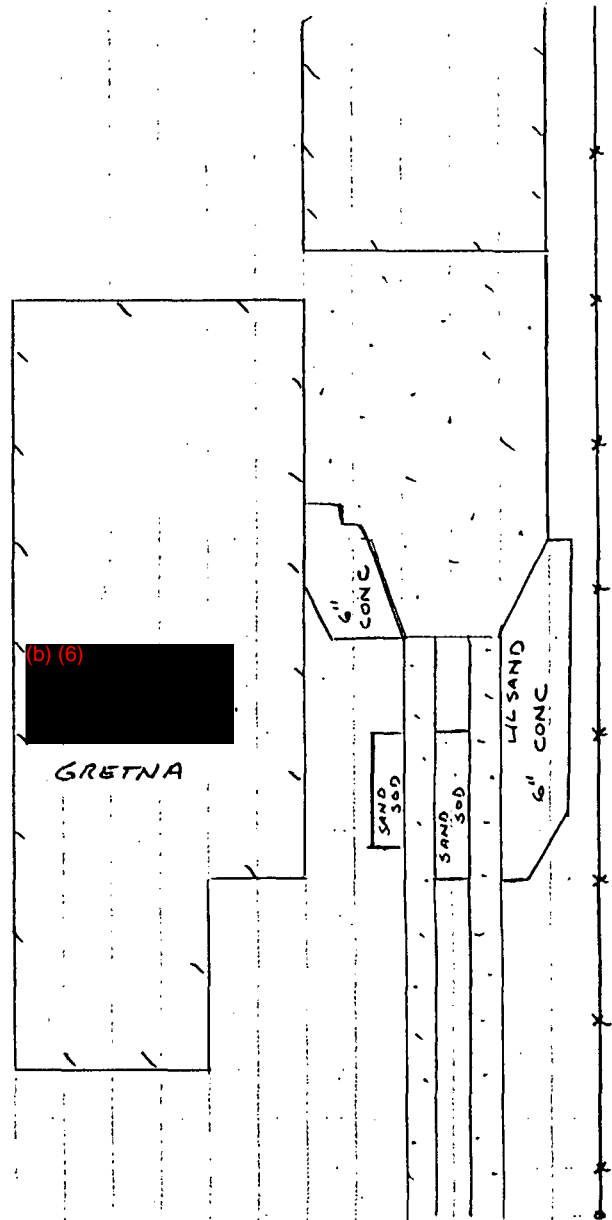
005459



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 8-6-97 Subject RESTORATION SITE # 618 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



005460

05-0618-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 618

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					8. ⁰⁰		
6" Concrete Installation (sq. yds.)					41. ⁵⁰		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					8. ⁰⁰		
Lower Lift Sand					34. ⁰⁰		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					6. ⁰⁰		
Concrete (cu.yds.)					7. ⁰⁰		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

005461

05-0618-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

8/31/98

SITE #:

618

ADDRESS:

(b) (6)

ACM LOCATED BENEATH:

☒ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

12'

DESCRIPTION OF ACM:

☒ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

1%

SKETCH OR COMMENTS:

ACM

SHED

(b) (6)

TEAM MEMBERS:

DA/ML

05-0618-540

005462

FIELD DATA SHEET 1

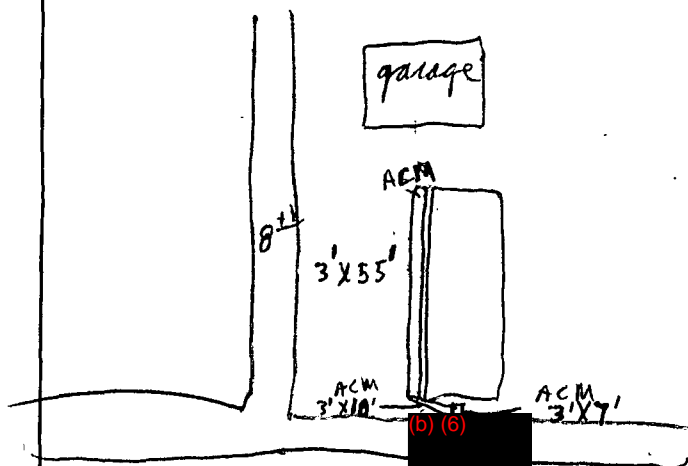
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address:	GRETNA
Phone No:	
Owner Name, Address, and Phone No. if Different Than Occupant:	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other <u>don't know</u> Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: Back fill: ? ~~at~~ walkway-concrete 12/7/16 1255
OK FOR MARKING/EXCAVATING w/o 12/16 NOT BEFORE

Date/Time of Interview:

Access Granted (circle) yes; no

Team Members:

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6)
State/Zip: GA ETNA LA Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96

DATE

(b) (6)

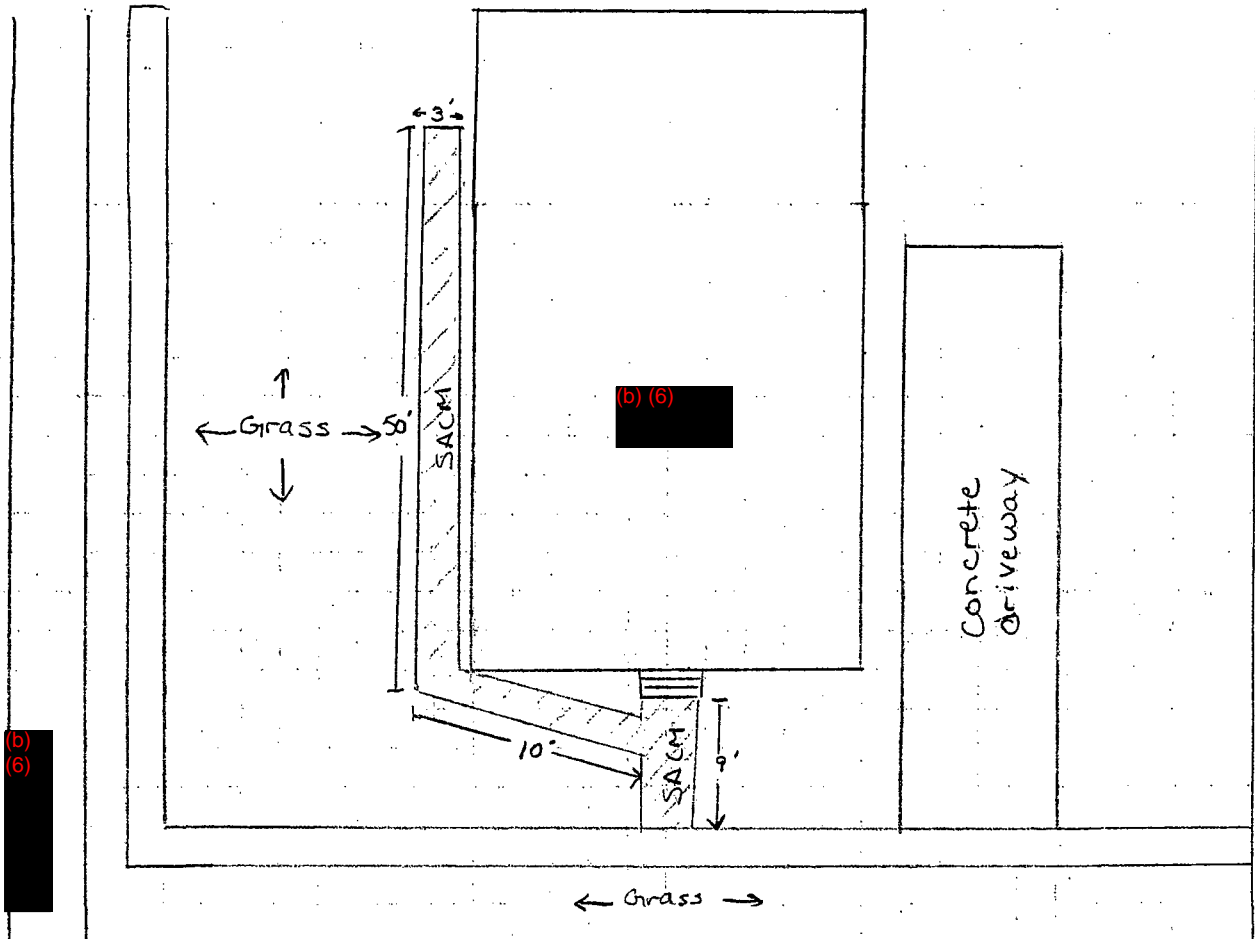
SIGNATURE

05-0619-520

005464

↑ N
(NTS)

No. 5505
Engineer's Computation Pad



Note: SACM walkway along side of house - 3" thick
No underground ACM.

Restoration: Concrete -
owner wants concrete slanted away from house
so that water does not run under house.

Restoration approved by owner.

05-0619-530

Rhodes/Johnson/Starkling - 2/18/97 DM
005465

FYI:

ADDRESS: (b) (6)
GRETN, LA

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:

• Visible ACM highlighted below: (■) and (▣)

• Geolined 03.10.97



005486

05-0619-560

AUTHORIZED EPA/START REPRESENTATIVE

Westport, NJ 908-958-4680	Plainfield, NJ 908-991-0550	Carle Place, NY 516-997-7251	Manhasset, NY 312-290-0062	Seattle, WA 206-233-9007	Ann Arbor, MI 313-668-6810	San Mateo, CA 415-670-5401	Smyrna, GA 404-333-6388	Cromwell, NC 910-287-1457	Houston, TX 713-488-3635
------------------------------	--------------------------------	---------------------------------	-------------------------------	-----------------------------	-------------------------------	-------------------------------	----------------------------	------------------------------	-----------------------------

EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Wednesday, March 12, 1997

Ref Number: TX97755

POLARIZED LIGHT MICROSCOPY (PLM)**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS619G01	(b) (6)	Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS379G01		Brown Fibrous Homogeneous	Teased		None Detected		100% Other
WBS379G02		Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS379G03		Brown Fibrous Homogeneous	Teased		None Detected		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-0619-570

005469

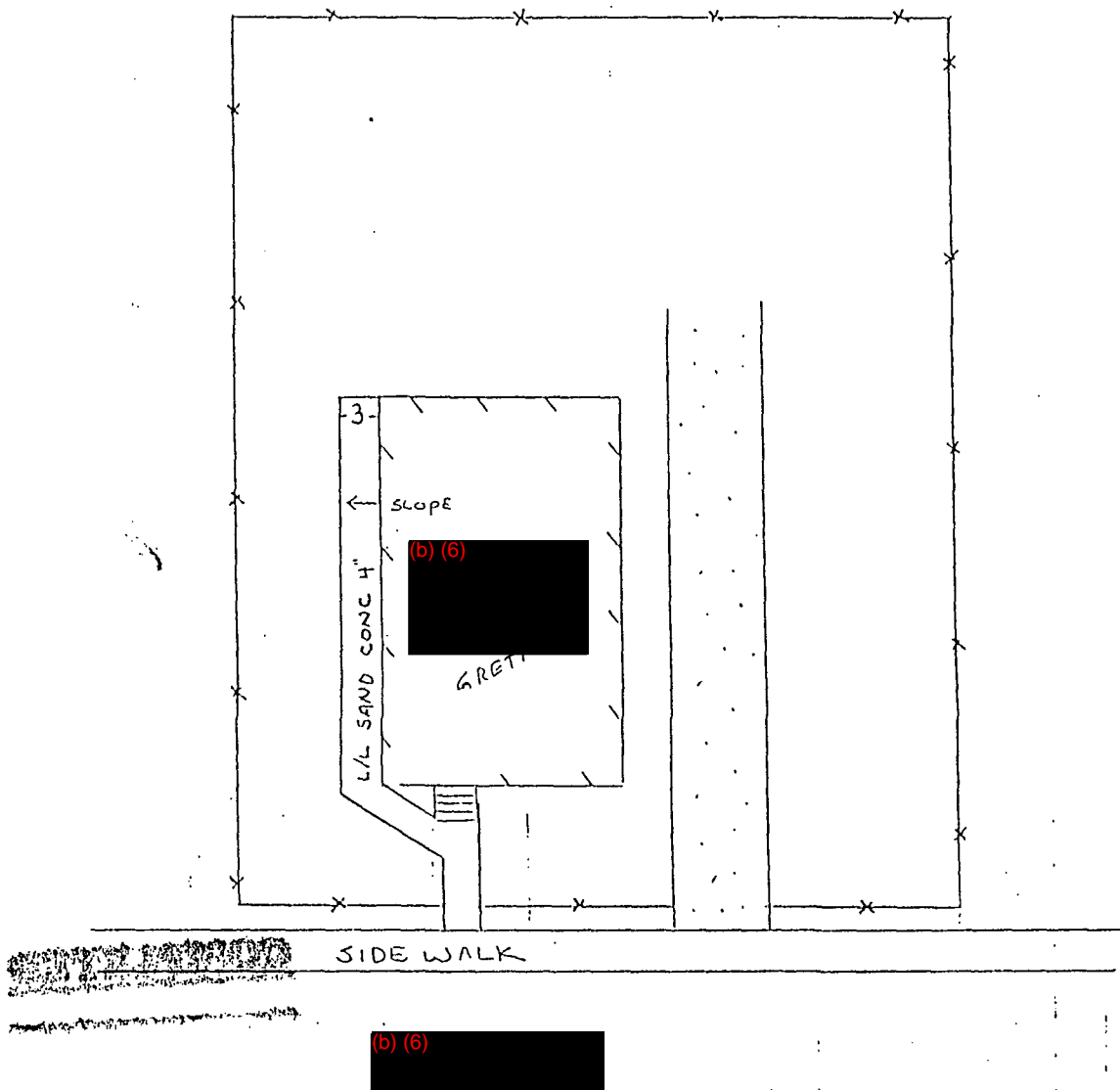


INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 3-12-97 Subject RESTORATION SITE # 619 Sheet No. of

Chkd. By Date Proj. No.



005468

05-0619-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-6-98

ADDRESS: (b) (6)

SITE #: 619

GREYNA

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

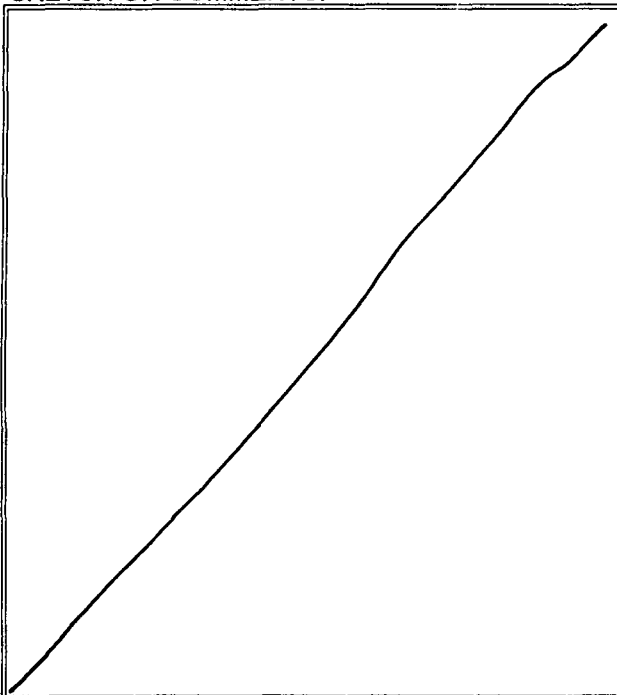
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	<u>NO VISABLE ACM</u>

TEAM MEMBERS: JTW

005469

05-0619-540

FIELD DATA SHEET 1

Site Information:

Occupant (b) (6)	Interviewee (b) (6)
Address: (b) (6) <u>Marrero LA 70072</u>	
Phone No.: (b) (6) <u>(beeper)</u>	
Owner Name, Address, and Phone No. if Different Than Occupant: <u>SAME</u>	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; <u>gate</u> ; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): no; <u>water</u> ; <u>gas</u> ; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): <u>yes</u> ; no; don't know <u>likely < 1"</u> If yes, note on site sketch. How deep? <u>inservitude, shallowly < 1"</u>

Site Sketch:

Estimated Volume of ACM: _____

Comments: Historic in yard, removed by owner now in serv
10' X 45'Date/Time of Interview: 9/19/96 11:00Access Granted (circle): yes; noTeam Members: Greg Day Pete Geiger

005470

07-0620-510

New Site

Tracking # 620

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6) MARBERO
State/Zip: LA, 70072 Phone Number(s): (b) (6) 509

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9/19/96
DATE

(b) (6)
SIGNATURE

07-0620-520

005471

**WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM**

FYI:

SITE# 620

ADDRESS: (b) (6)
Marrero, La. 70072

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 11/2/96.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION: grid ☒ _____

B. FURTHER ACTION NECESSARY: _____

(b) (6)

WBS62001 MAP

07-0620-560

AUTHORIZED EPA/START REPRESENTATIVE

005472
Modak E. Ball

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 620

ADDRESS: (b) (6)

Marrero, La. 70072

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 10/25/96.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION: grid 1

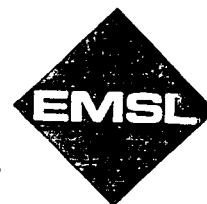
B. FURTHER ACTION NECESSARY: ✓

(b) (6)

WB5102502 MA
PLM/TEM

07-0620-560

AUTHORIZED EPA/START REPRESENTATIVE 05/17/93 daly E. Paul



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, October 29, 1996


Ref Number: TX962626

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS1025-01MA	620	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS1025-02MA	620	Brown Non-Fibrous Homogeneous	Teased	2% < 1%	Chrysotile Amosite		98% Other
WBS1025-03MA	620	Tan Non-Fibrous Homogeneous	Teased	2% < 1%	Chrysotile Amosite		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Carlos D. Salinas
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, November 05, 1996


Ref Number: TX962742

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

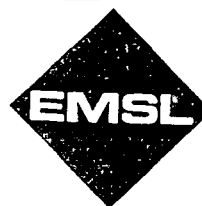
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	NONFIBROUS
WBS569-03-GR3	569-PILE	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Amosite		98% Other	
WBS569-02-GR3	569-GRIDS	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Amosite		100% Other	
WBS620-02-MA2	620	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Amosite		100% Other	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Carlos D. Salinas
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816


Monday, October 28, 1996

Ref Number: TX962617

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm ²	fibers/cc
WBA102402MA	(b) (6)	10/24/96	9189.00	8.5	100	0.0003	10.83	0.0005
WBA102406MA	(b) (6)	10/24/96	11980.00	14.0	100	0.0002	17.83	0.0006
WBA102407MA	(b) (6)	10/24/96	12064.00	Sample Was Overloaded				
WBA102401MA	(b) (6)	10/24/96	11759.00	11.5	100	0.0002	14.65	0.0005
WBA102403MA	(b) (6)	10/24/96	11707.00	11.0	100	0.0002	14.01	0.0005
WBA102404MA	(b) (6)	10/24/96	12115.00	15.5	100	0.0002	19.75	0.0006


Steven Duhon
Analyst


Approved
Signatory

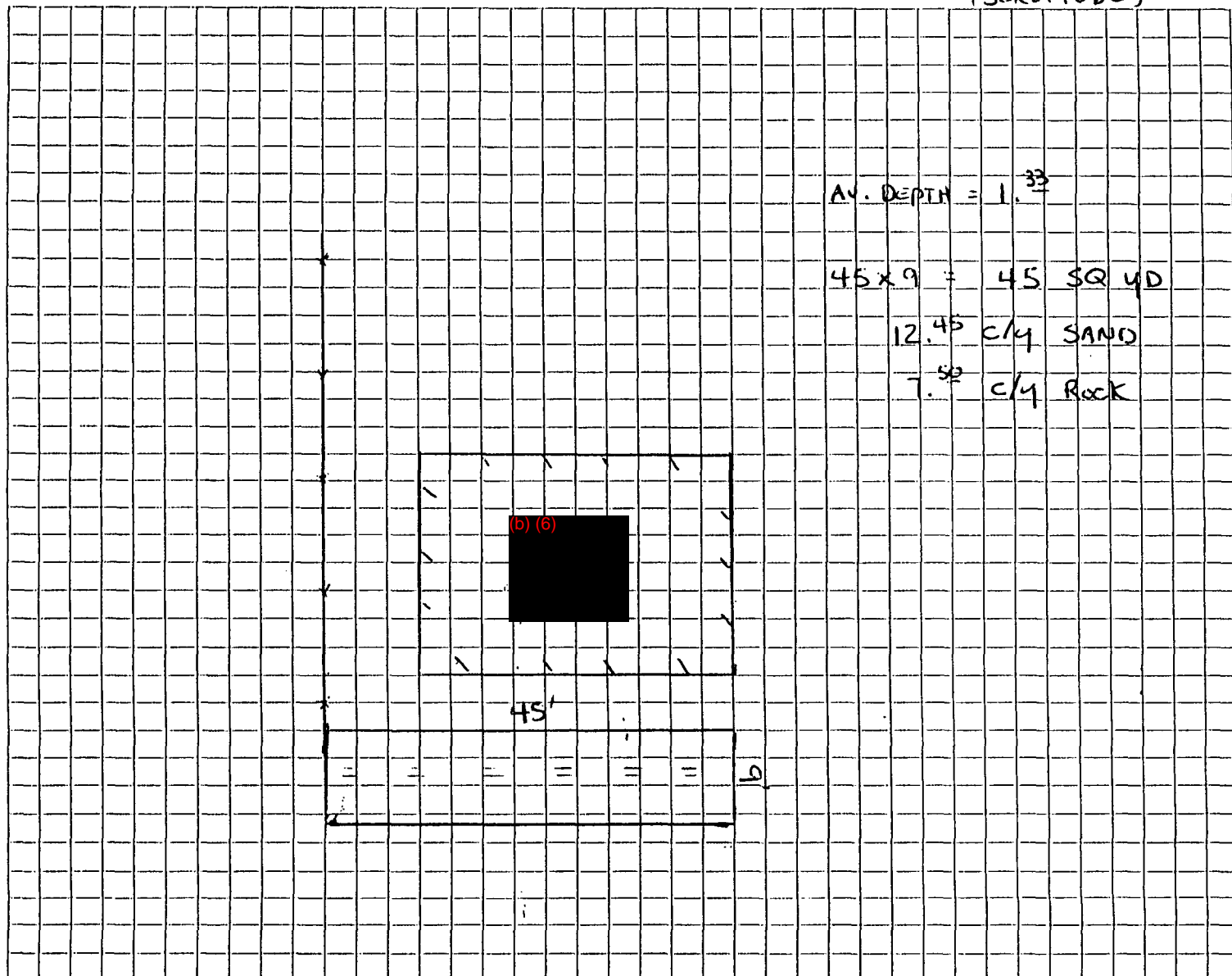
LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.
Analysis performed by EMSL of Houston.



WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 620
(SERVITUDE)



Driveway Reconst. (sq.yds.)
Walkway Reconst. (sq.yds.)
Sod Installation (sq.yds.)
Backfill Materials (cu.yds.)
Backfill Installation (sq.yds.)
Plastic Edging (lft.)
Limestone (cu.yds.)

TOTAL			
45			45
12.45			12.45
45			45
7.50			7.50

IT REPRESENTATIVE SIGNATURE

NOLA REPRESENTATIVE SIGNATURE

Patricia M. Plummer

005477

07-0620-550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

8/16/98

ADDRESS:

(b) (6)

Marrero

SITE #:

620

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<i>No ACM</i>	_____

TEAM MEMBERS:

MTL / ASB

005478

07-0620-540

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6) Interviewee: *buying home*

Address: (b) (6) *Mamero LA*

Phone No.: (b) (6) *(call owner) home work: (b) (6)*

Owner Name, Address, and Phone No. if Different Than Occupant:
(b) (6)

Site Description:

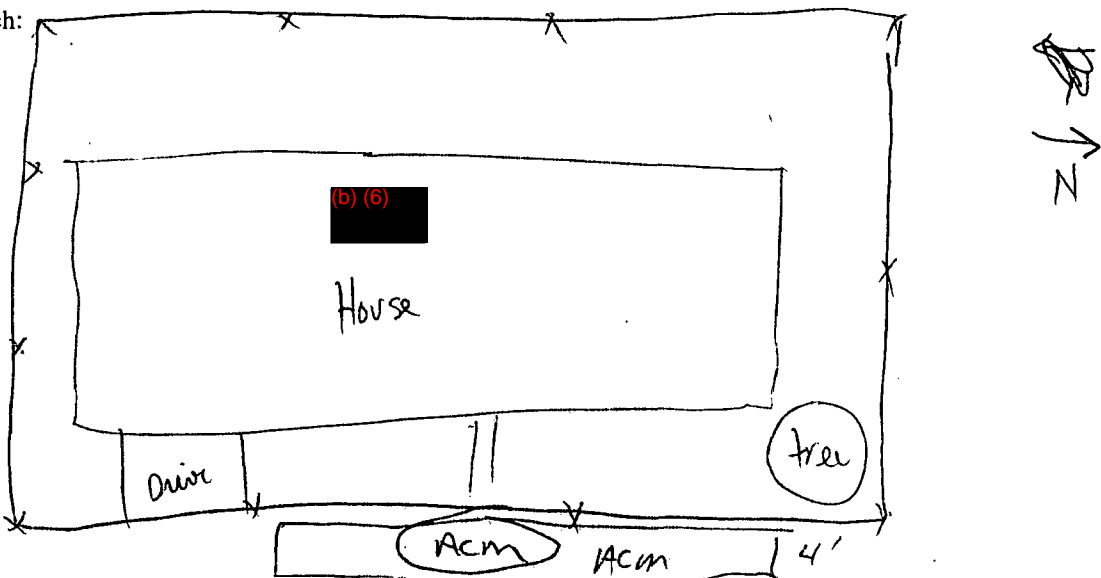
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other _____

2) Problems accessing yards (circle): gate; locked gate; dogs; other _____
resolution: _____

3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other _____
Note location on site sketch.

4) Is any underground ACM present? (circle): yes; no; don't know
If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: *11/24 getting ready to buy from Borgret call her**Back fill: Limestone*Date/Time of Interview: *-*Access Granted (circle): yes; noTeam Members: *Rhodes / Starling*

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

in process of home buying

Property Owner's Name: (b) (6)
Property's Address: (b) (6) MARREDO
State/Zip: LA 70072 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10-24-96
DATE

(b) (6)

SIGNATURE

Property owner address:

621

(b) (6)

CONSENT FOR ACCESS TO PROPERTY

WESTBANK ASBESTOS SITE

(b) (6)

Property Owner's Name

Property's Address:

State/Zip: Ca 90022 Phone Number(s):

Occupant:

- in process of buying home

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

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This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/25/96
DATE

(b) (6)

SIGNATURE

07-0621-520

005481

**WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM**

FYI:

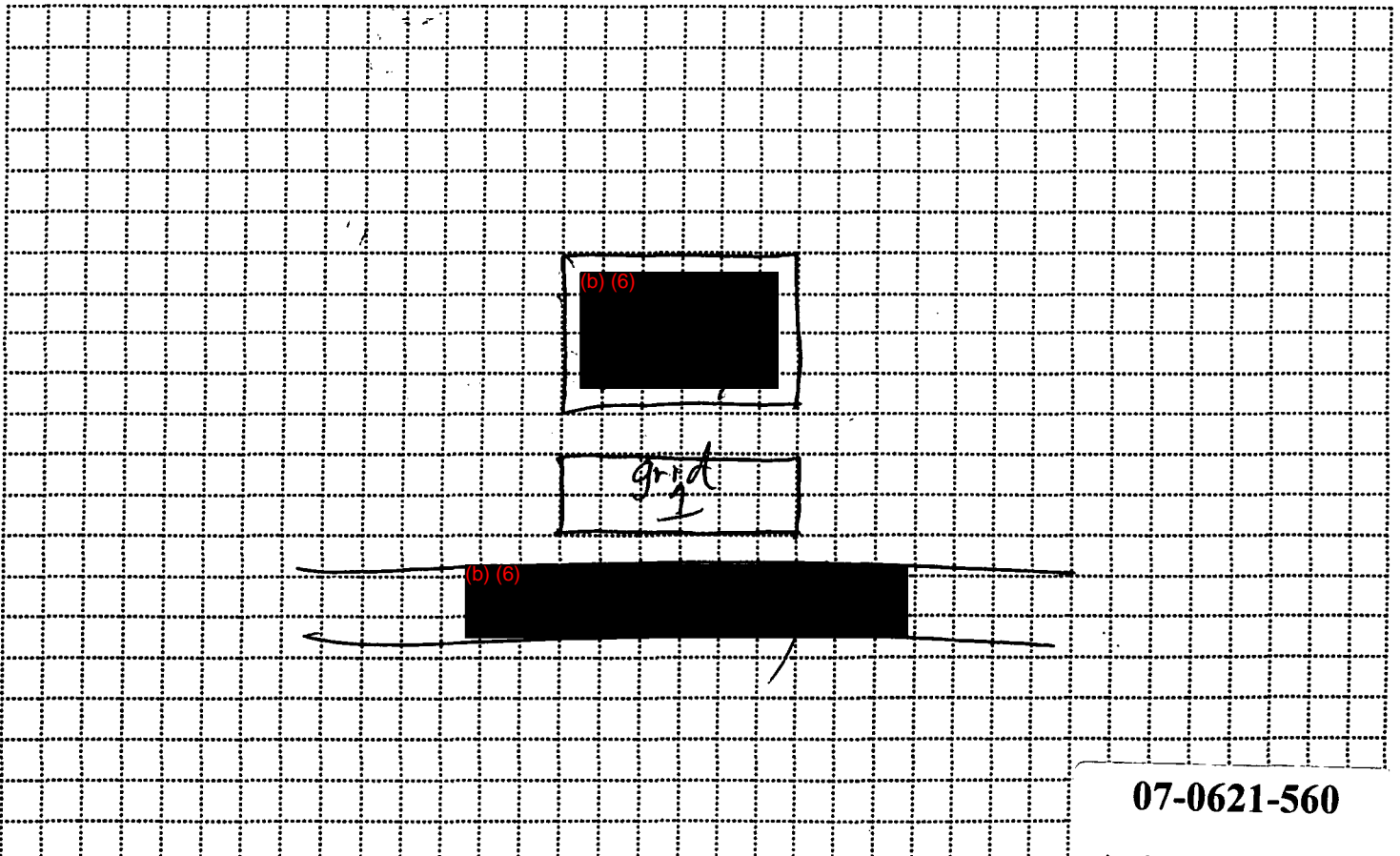
SITE# 621

ADDRESS: (b) (6)
Marrero, La.

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON _____.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

- A. PROCEED WITH RESTORATION: grid 1 ✓ _____
- B. FURTHER ACTION NECESSARY: ✓ GEM _____

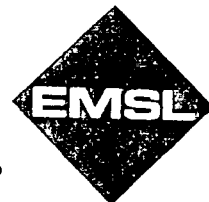


07-0621-560

AUTHORIZED EPA/START REPRESENTATIVE

Modakip Paul

005482



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Friday, November 15, 1996

Ref Number: TX962914

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020607 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS29301MA1	293	Brown Fibrous Homogeneous	Teased	10% Chrysotile 2% Crocidolite			88% Other
WBS29302MA1	293	Brown Fibrous Homogeneous	Teased	5% Chrysotile 2% Crocidolite			93% Other
WBS62101MA1	621	Brown Fibrous Homogeneous	Teased	15% Chrysotile 2% Crocidolite			83% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.
Analyst

Approved
Signatory

005483

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

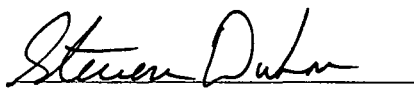
Monday, November 04, 1996

Ref Number: TX962697

**PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY
NIOSH 7400 METHOD, REVISION #3, 5/89**

Project: 020601 WESTBANK ASBESTOS

<i>Sample</i>	<i>Location</i>	<i>Sample Date</i>	<i>Volume (liters)</i>	<i>Fibers</i>	<i>Fields</i>	<i>L.O.D. fib/cc</i>	<i>fibers/ mm²</i>	<i>fibers/cc</i>
WBA103101WA	TRACK #441	10/31/96	4235.00	16.5	100	0.0006	21.02	0.0019
WBA103102WA	TRACK #441	10/31/96	4243.00	14.0	100	0.0006	17.83	0.0016
WBA103103WA	TRACK #441	10/31/96	4211.00	24.5	100	0.0006	31.21	0.0029
WBA103104WA	TRACK #621	10/31/96	6540.00	Sample Was Overloaded				
WBA103105WA	TRACK #621	10/31/96	6189.00	Sample Was Overloaded				
WBA103106WA	TRACK #621	10/31/96	6279.00	Sample Was Overloaded				


Steven Duhon
Analyst


Approved
Signatory

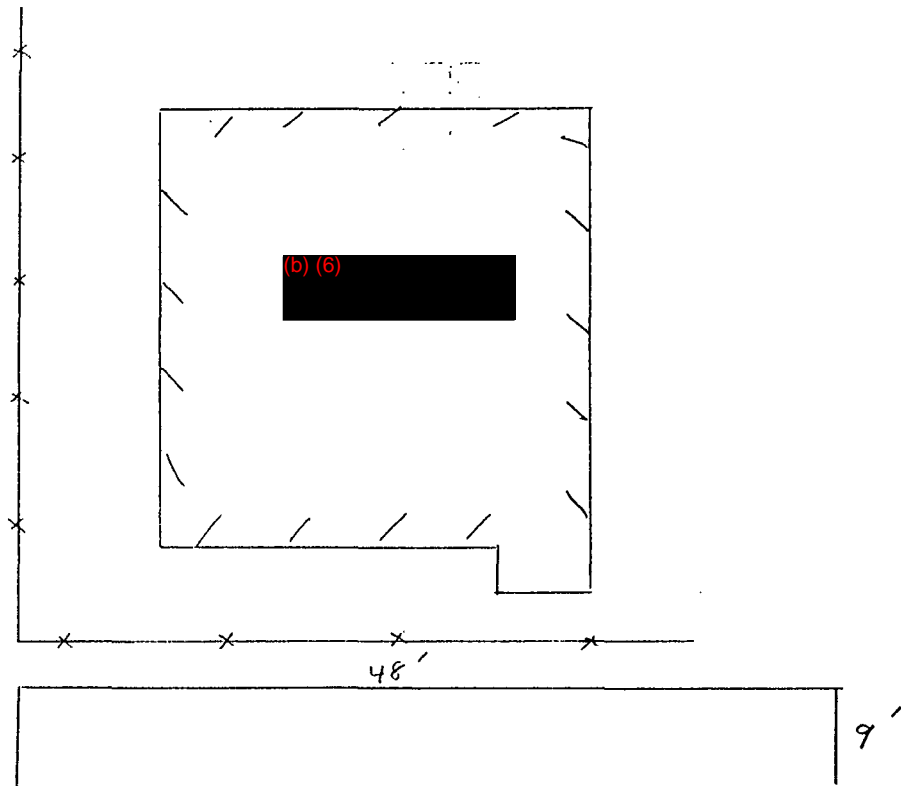
LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.
Analysis performed by EMSL of Houston.



INTERNATIONAL
TECHNOLOGY
CORPORATION



By _____ Date _____ Subject _____ Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



005485

07-0621-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

8/18/98

ADDRESS:

(b) (6)

Marrero

SITE #:

621

ACM LOCATED BENEATH:

<input type="checkbox"/>
<input type="checkbox"/>

HOUSE
SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

CHUNKS
POWDER
SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<u>No ACM</u>	_____

TEAM MEMBERS:

MTL / ASB

07-0621-540

005486

FIELD DATA SHEET 1

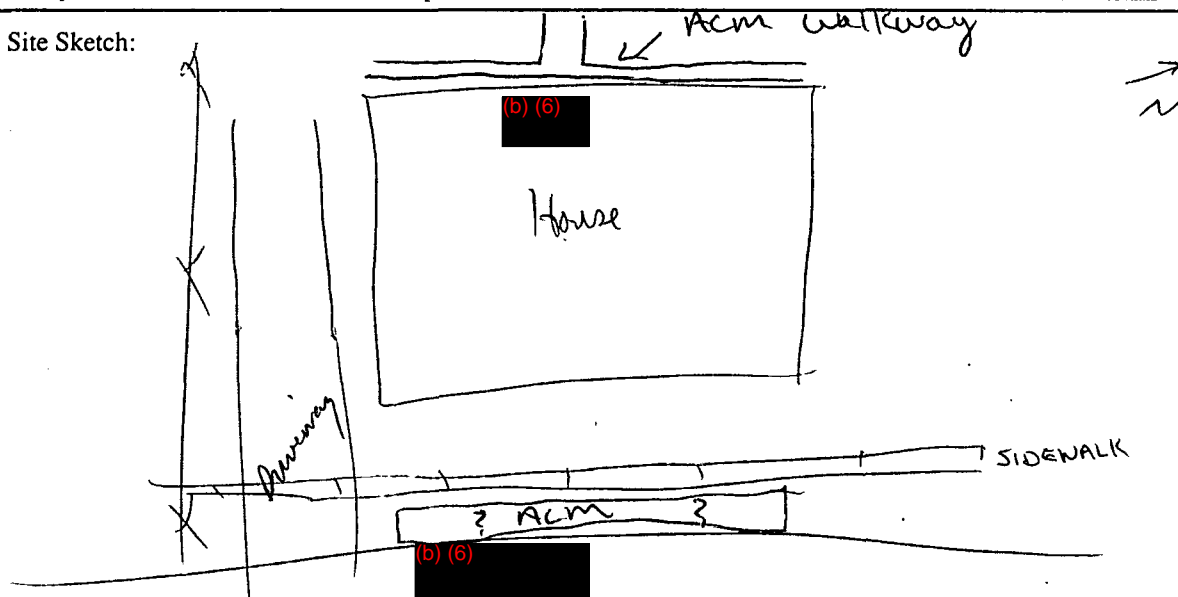
Site Information:

Occupant:	Interviewee:
Address: (b) (6)	Manero, LA 70072
Phone No	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>no</u> resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: left access broken / soil + grass

Date/Time of Interview: 10/24/96 0853

Access Granted (circle): yes; no

Team Members: ML/TC

005487

07-0622-510

622

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

Marrero, LA

State/Zip: ~~LA~~ LA 70072

Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

24 OCT 96

DATE

(b) (6)

SIGNATURE

Soil & grass

005488

07-0622-520

**WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM**

FYI:

SITE# 622

ADDRESS: (b) (6)

Marrero, La. 70072

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 11/8/96

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

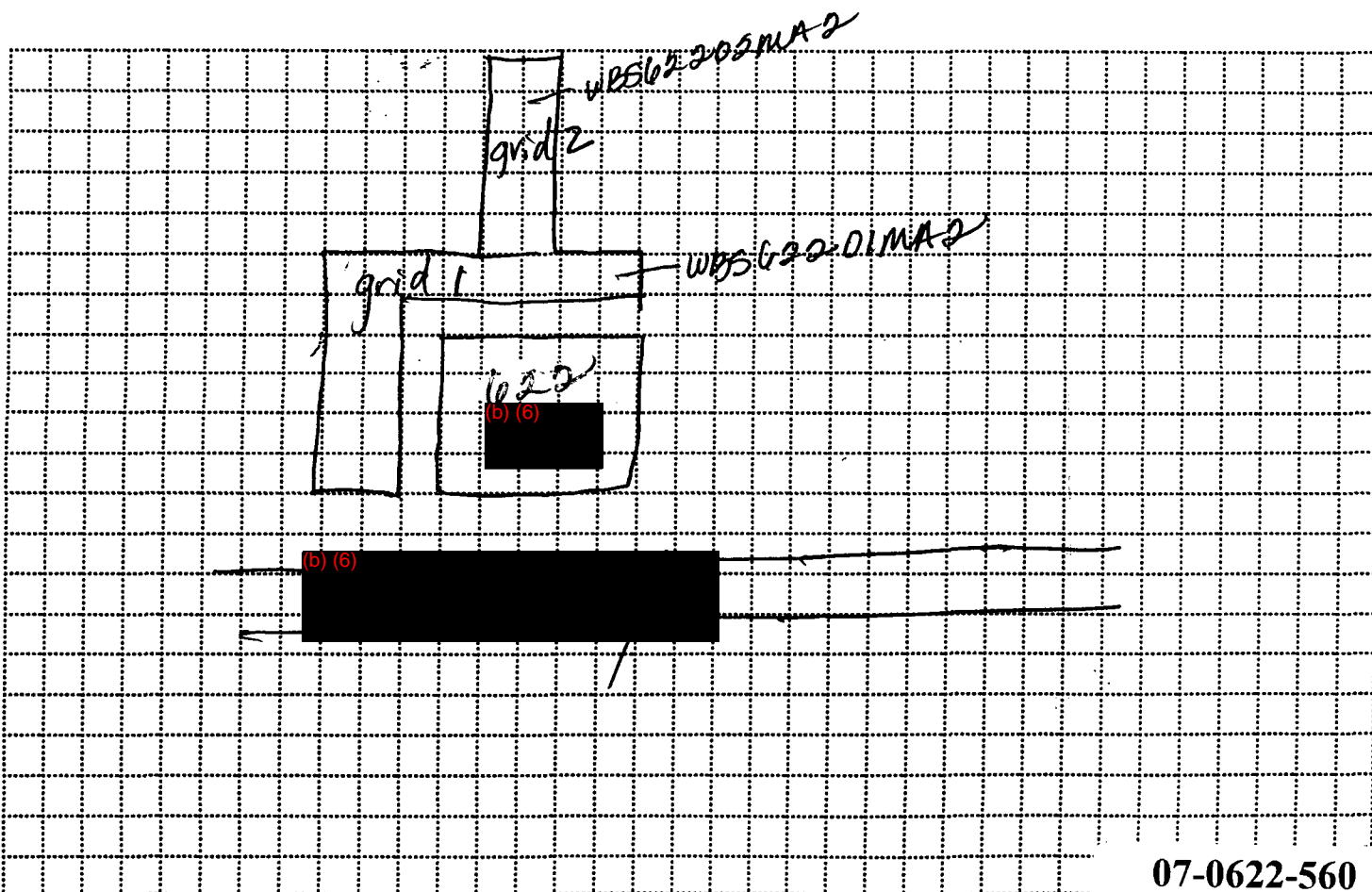
A. PROCEED WITH RESTORATION:

grid 1

grid 2



B. FURTHER ACTION NECESSARY:



07-0622-560

005489

AUTHORIZED EPA/START REPRESENTATIVE

Modaly E. Paul

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 622

ADDRESS: (b) (6)

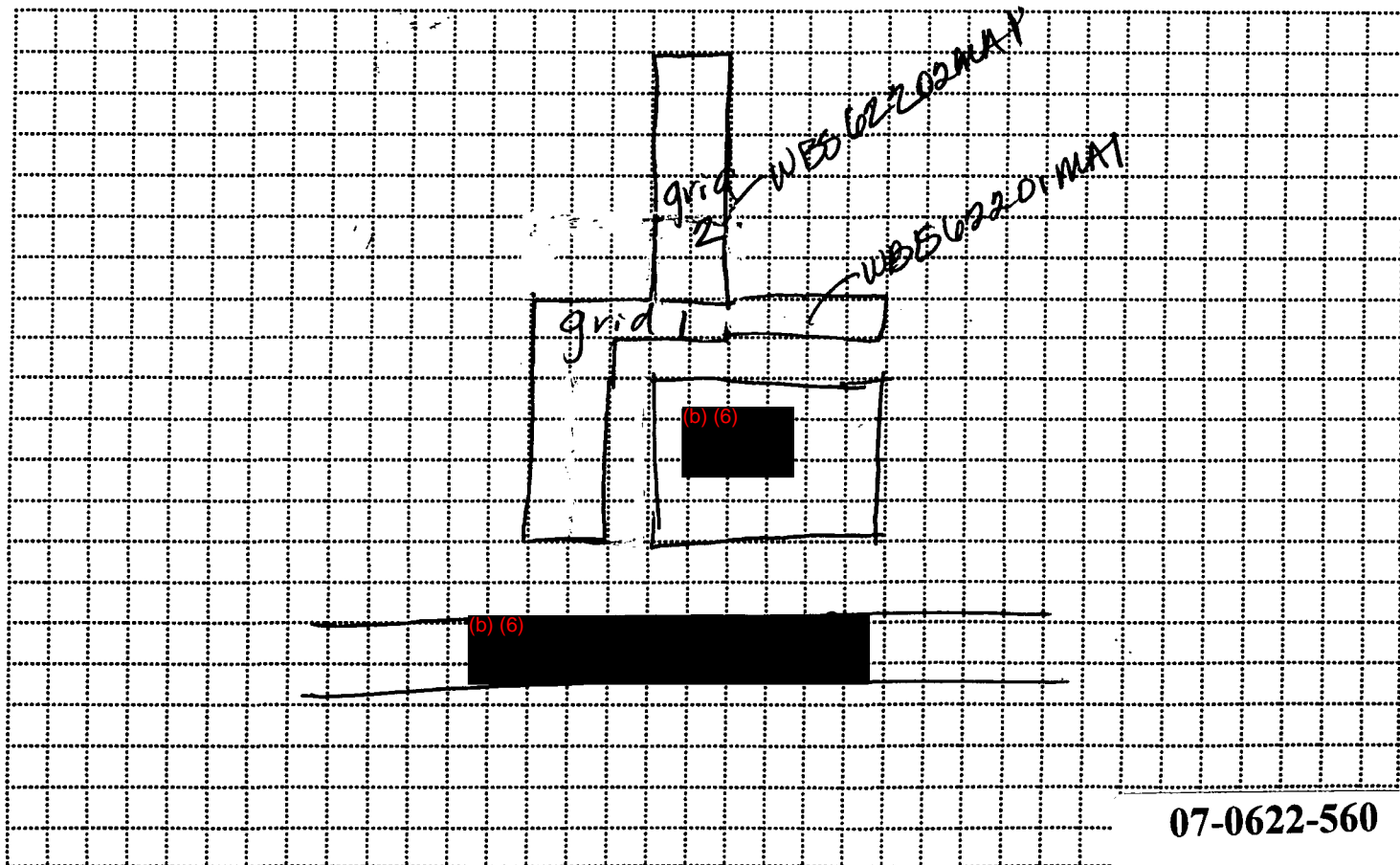
Marrero, La. 70072

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 11/4/96.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION: grid 1 grid 2

B. FURTHER ACTION NECESSARY: ✓ ✓



07-0622-560

005490

AUTHORIZED EPA/START REPRESENTATIVE

Modaly E. Paul



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, November 05, 1996


Ref Number: TX962759

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS 622-01 MA1	TRACK 622	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS 622-02 MA1	TRACK 622	Tan Non-Fibrous Homogeneous	Teased	4% Chrysotile < 1% Crocidolite			96% Other
WBS 622-03 MA1	TRACK 622	Tan Non-Fibrous Homogeneous	Teased	5% Chrysotile < 1% Crocidolite			95% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Carlos D. Salinas
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, November 12, 1996


Ref Number: TX962860

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS 446 01 MA1	TRACK 446 GRID 1	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS 625 01 MA1	TRACK 625 GRID 1	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS 569 03 MA2	TRACK 569 GRID 3	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile < 1% Crocidolite		100% Other
WBS 622 01 MA2	TRACK 622 GRID 1	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS 446 02 MA1	TRACK 446 GRID 2	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile < 1% Crocidolite		100% Other
WBS 449 02 MA2	TRACK 449 GRID 2	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile < 1% Crocidolite		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Carlos D. Salinas
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, November 12, 1996

Ref Number: TX962860

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS 297 298 MA1	TRACK 297-298 GRID 1	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite		98% Other	
WBS 446 03 MA1	TRACK 446 GRID 3	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile		100% Other	
WBS 622 02 MA2	TRACK 622 GRID 2	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile		100% Other	
WBS 446 04 MA1	TRACK 446 GRID 4	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite		100% Other	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.



Carlos D. Salinas
Analyst



Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



Ecology & Environment, Inc.
 11550 Newcastle Ave. #250
 Baton Rouge, LA 70816

Monday, November 04, 1996

Ref Number: TX962697

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm ²	fibers/cc
WBA103107WA	TRACK #622	10/31/96	1290.00	21.5	100	0.0021	27.39	0.0082
WBA103108WA	TRACK #622	10/31/96	1298.00	15.0	100	0.0021	19.11	0.0057
WBA103109WA	TRACK #622	10/31/96	1322.00	14.5	100	0.0020	18.47	0.0054

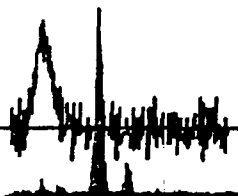
Steven Duhon

Steven Duhon
Analyst

[Signature]

Approved
Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.
 Analysis performed by EMSL of Houston.



005494

07-0622-572



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

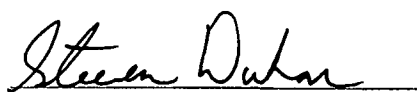
Tuesday, November 05, 1996

Ref Number: TX962746

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #3, 5/89

Project: 020601 WESTBANK ASBESTOS

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm ²	fibers/cc
WBA110101MA	TRACK #622	11/1/96	1947.00	Sample Was Overloaded				
WBA110101BMA	TRACK #622	11/1/96	5437.00	23.5	100	0.0005	29.94	0.0021
WBA110102MA	TRACK #622	11/1/96	6970.00	25.0	100	0.0004	31.85	0.0018
WBA110103MA	TRACK #622	11/1/96	7170.00	18.0	100	0.0004	22.93	0.0012
WBA110104MA	TRACK #446	11/1/96	5590.00	Sample Was Overloaded				
WBA110105MA	TRACK #446	11/1/96	5707.00	16.0	100	0.0005	20.38	0.0014


Steven Duhon
Analyst

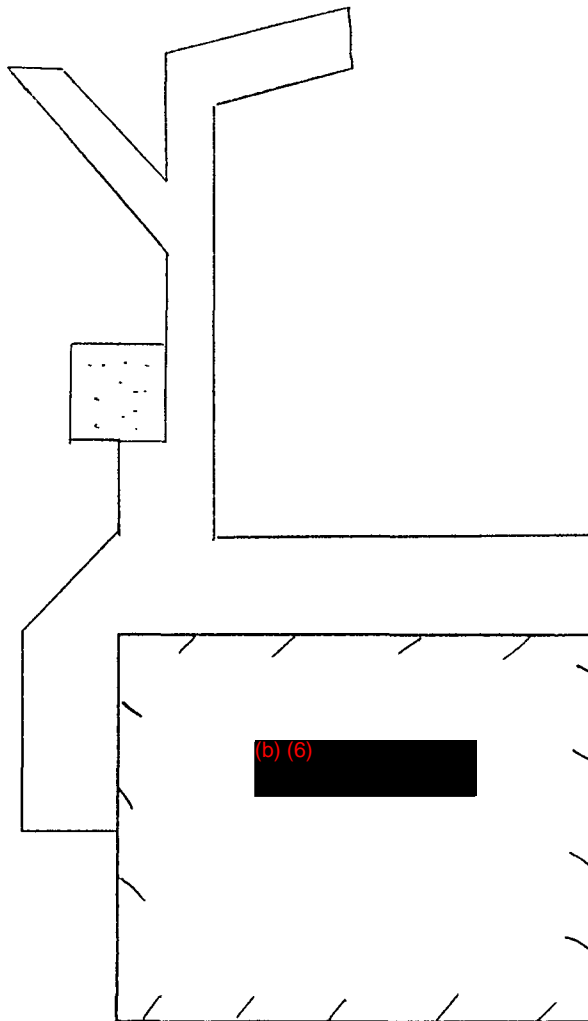

Approved
Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 10 fibers/100 fields and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.
Analysis performed by EMSL of Houston.



By _____ Date _____ Subject _____ Sheet No. _____ of _____

Chkd. By _____ Date _____ Proj. No. _____



005496

07-0622-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

8/18/98

ADDRESS:

(b) (6)

Marrero

SITE #:

622

ACM LOCATED BENEATH:

<input checked="" type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

APPR. CRAWL SPACE HEIGHT:

~1.5'

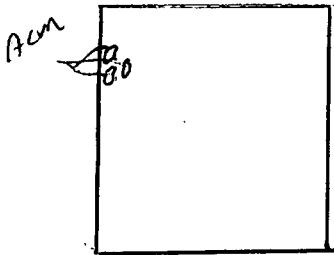
DESCRIPTION OF ACM:

<input checked="" type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

~1%

SKETCH OR COMMENTS:

	<u>Small chunks AcM(?) under house.</u>

TEAM MEMBERS:

MTL / ASB

005497

07-0622-540

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Murrers</u>	
Phone No.: <u>Beeper #</u> (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: <u>same</u> / <u>Call owner before removal to remove cars</u>	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>none</u> resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other <u>drainage pipe to right side of driveway</u> Note location on site sketch. _____
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:

The sketch shows a rectangular house at the top. To its left is a vertical line labeled 'Sidewalk'. Below the sidewalk is an irregular shape labeled '(b) (6)'. To the right of the sidewalk is a horizontal line labeled 'Concrete'. Below this is another horizontal line labeled 'Concrete'. At the bottom, a horizontal line with 'x' marks is labeled 'Visible ACM'. A north arrow points upwards on the right side.

Estimated Volume of ACM: <u>14d</u>	
Comments: <u>owner will mail in access (works night-shift).</u> <u>Thermostone - *owner wants to know how much will be removed during the removal process.</u>	
Date/Time of Interview: <u>10:50</u> <u>10/30/96</u>	Access Granted (circle): <u>yes</u> no
Team Members: <u>G. Day</u>	

11/15/96 left access + letter
11/16/96 no one home

leave access agreement

Tracking Number 623

FIELD DATA SHEET 1

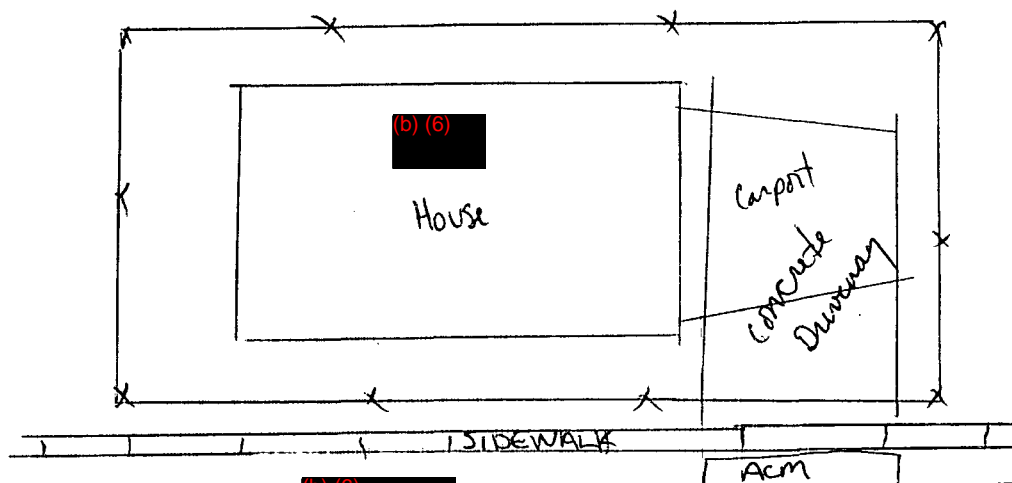
Site Information:

Occupant: (b) (6)	Interviewee:
Address: <u>Marrero, LA 70072</u>	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): <u>locked gate</u> ; <u>gate</u> ; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): <u>yes</u> ; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____	
Comments: <u>ACM by seritude</u> <u>ACM has already been marked. 11/18 14:40</u> <u>Left access letter</u> <u>Apparently access has already been granted.</u>	
Date/Time of Interview: <u>10/24 14:50</u>	Access Granted (circle): <u>yes</u> no no
Team Members: <u>ML/TC</u>	<u>TC/ET</u> Access granted ML

005499

07-0623-510

11/20/96

623

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: Maricopa Co 85002 Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

Oct 29, 1996

DATE

(b) (6)
SIGNATURE

07-0623-520

005500

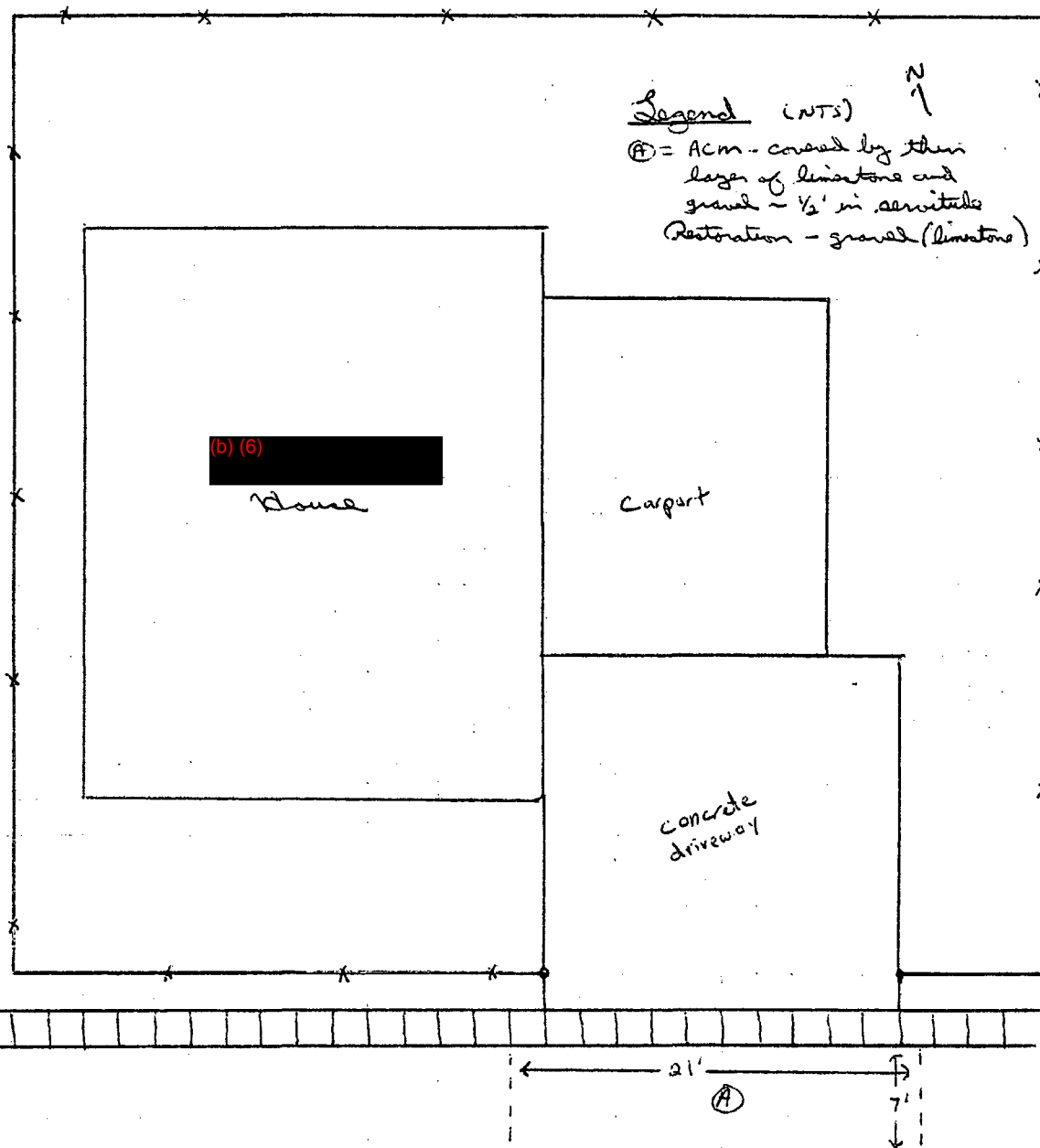
Site # 623

(b) (6)

1/10/97

Angela Aquino

Site Sketch



(b) (6)

House

Carpet

concrete
driveway

21'

Ⓐ

7'

(b) (6)

07-0623-530

005501

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

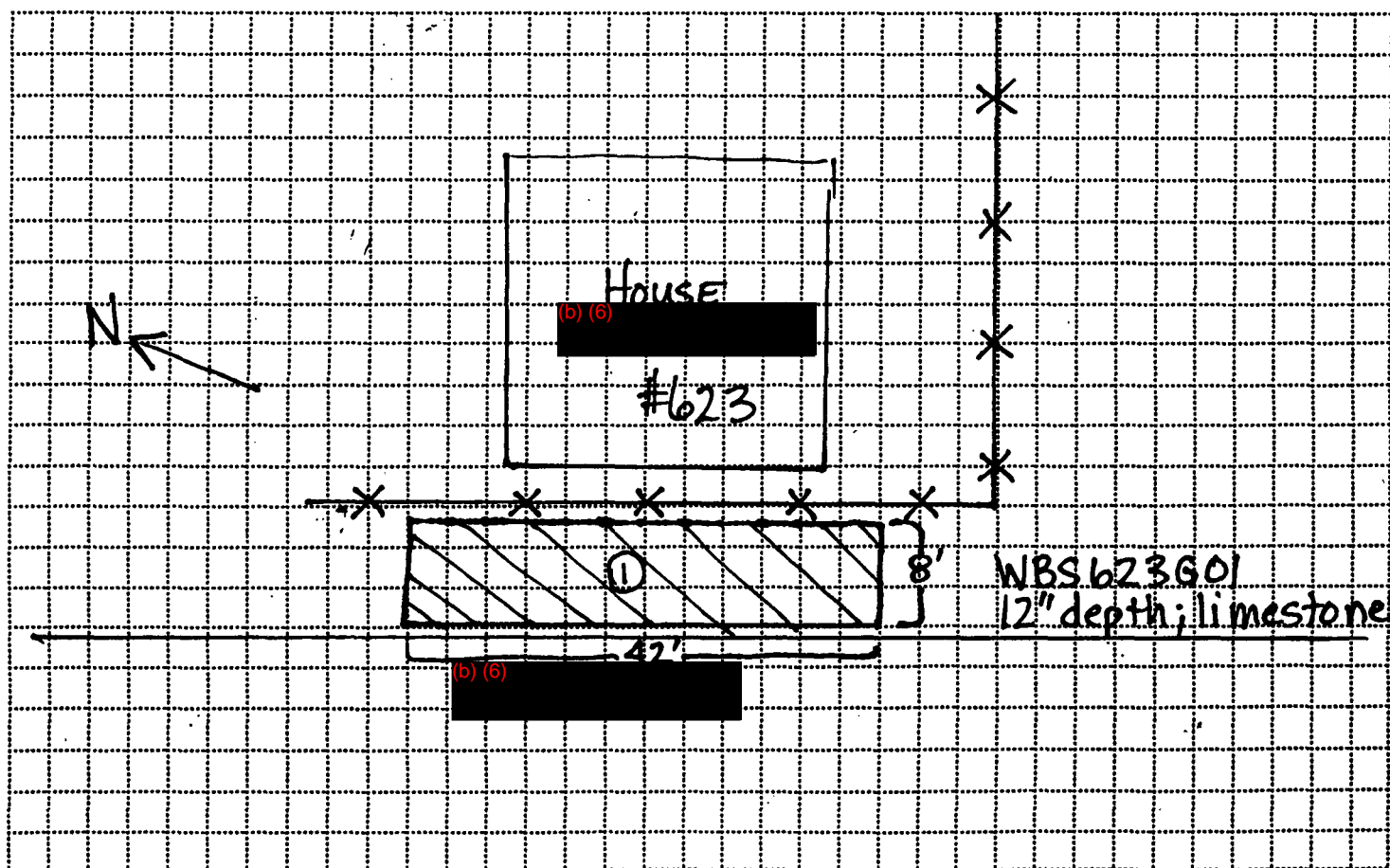
SITE# 623

ADDRESS: (b) (6)
Marrero, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON _____.

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

	GRID #:	1	2	3	4	5	6	7	8
A. PROCEED WITH RESTORATION:		✓	—	—	—	—	—	—	—
B. FURTHER ACTION NECESSARY:		✓	—	—	—	—	—	—	—



AUTHORIZED EPA/START REPRESENTATIVE

Barbara A. Storey

07-0623-560

Westwood, NJ 201-522-0000 Florio, NJ 908-861-0500 Carlo Flores, NY 516-467-7001 Manhattan, NY 212-236-8832 Seattle, WA 206-339-0077 Ann Arbor, MI 313-463-0010 San Mateo, CA 415-870-4401 Smyrna, GA 404-333-0900 WASHINGTON, DC 202-297-1487 Houston, TX 713-686-3635


EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Thursday, January 16, 1997


Ref Number: TX97114

POLARIZED LIGHT MICROSCOPY (PLM)

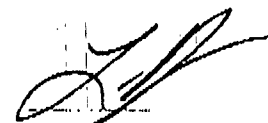
Project: WESTBANK ASBESTOS SITE

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS268-G01		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS623-G01		Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS341-G01		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS607-G01		Tan Non-Fibrous Homogeneous	Teased	5% Chrysotile < 1% Crocidolite			95% Other
WBS608-G01		Tan Non-Fibrous Homogeneous	Teased	10% Chrysotile < 1% Crocidolite			90% Other
WBS608-G02		Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "N of Layers" refers to number of separable subsamples.



Carlos D. Salinas
Analyst



Approved
Signatory

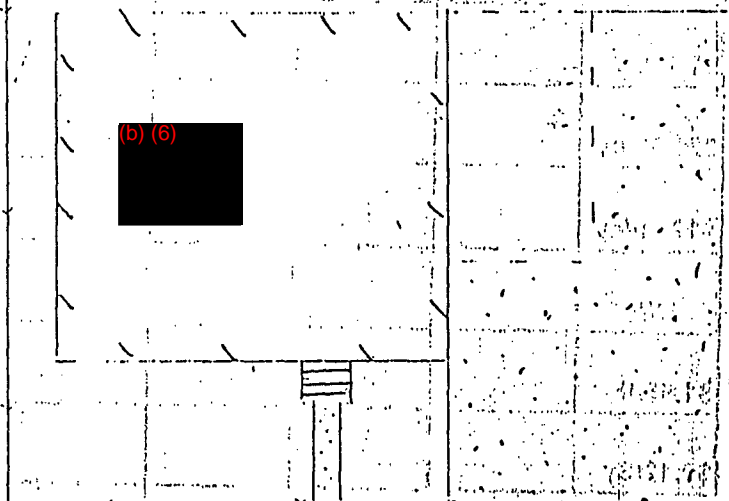
Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

005503

07-0623-570



By PM Date 1-13-97 Subject RESTORATION SITE # 623 Sheet No. of
Chkd. By Date Proj. No.



SERVITUDE 12' $\frac{\text{SAND}}{\text{ROCK}}$

(b) (6)

MEMPHIS

1. AVOIDANCE

07-0623-590

005504

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

8/18/98

SITE #:

623

ADDRESS:

(b) (6)

Marrero

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<i>No ACM</i>	_____

TEAM MEMBERS:

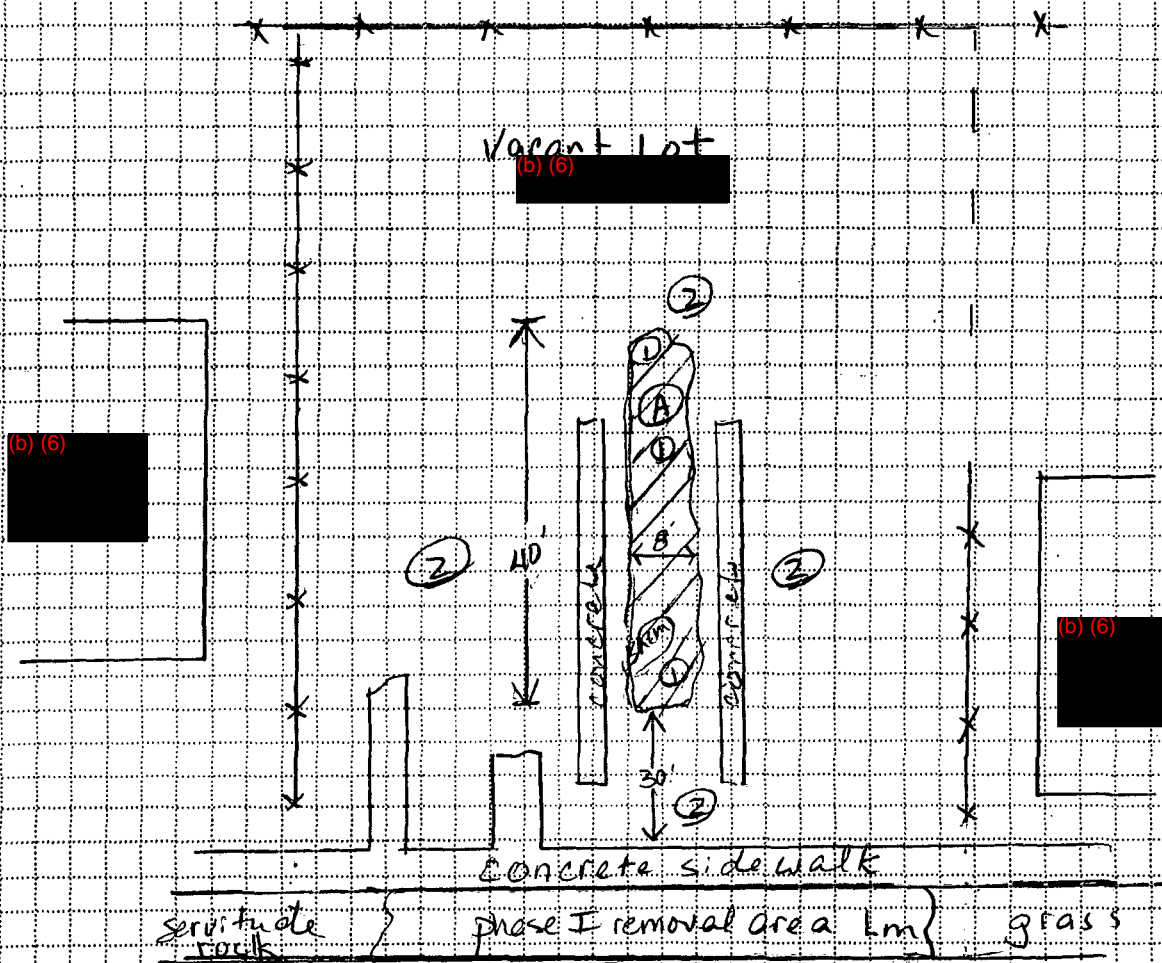
MTL / ASB

005505

07-0623-540

ADDRESS: (b) (6) Marrero

PHASE II UPDATED: 3/11/98



N (NT8)

B:

C:

DEPARTURE: 10 25

TEAM: CC / SJ

NEW 3/19/98
RESTORATION APPROVED BY: 005500 UNKNOWN OWNER

DATE: 3, 11, 98 (T) To IT (aw)

#	COVER	THICKNESS
①	3" grass soil	3" ACM
②	+6" grass + soil	-

TRACKING #

624

SITE SKETCH

ADDRESS:

(b) (6)

UPDATED:

1/1

Need Phase 2
Sketch

SACM

CONCRETE

~ 30'

CONCRETE

SPON

②

8'

①

①

①

①

①

①

①

①

①

①

①

①

①

①

①

①

①

①

AREA
EXCAVATED
WITH SITE
624

YARD PICKED ON PREVIOUS VISITS HAD NO ACM
 A REVISIT FOUND ACM IN SERVITUDE BEGINNING
 JUST BEYOND GEOLINER OF AREA EXCAVATED WITH SITE 624

NOTES:

N (NTS)



ACM in servitude - continuation
 of ACM removed with site
 624 on or about Oct 31, 1996

COVER THICKNESS

1 LIMESTONE 2-5" > 1"

2 " NO ACM

RESTORATION: A: LIMESTONE

B:

C:

ARRIVAL: 1330

DEPARTURE: 1350

RESTORATION APPROVED BY:

(b) (6)

(Servitude City property)

DATE: 9/30/97

TEAM:

GD/KJ

DATE:

9/29/97

2014 9/30/97

005507

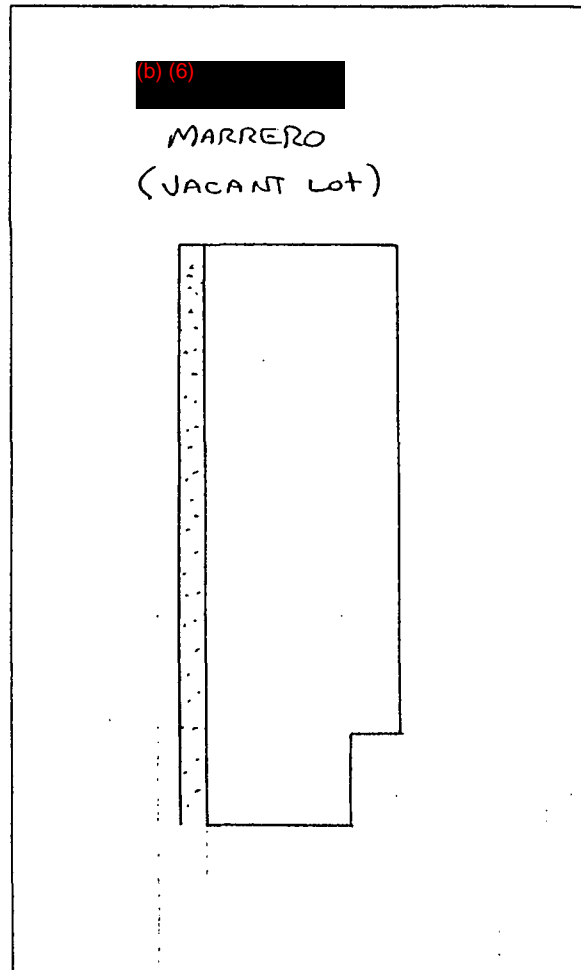
833 2997



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 7-22-98 Subject RESTORATION SITE # 624 Sheet No. of
Chkd. By Date Proj. No.



07-0624-590

005508

**WESTBANK ASBESTOS ABATEMENT
NEW ORLEANS, LOUISIANA**

RESTORATION FORM

SITE # 624

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					128.00		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					60.18		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

07-0624-590

SUB 1 SIGNATURE _____

005509

SUB 2 SIGNATURE _____

SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

Revised 8/3/98 JRS

SITE# 624 PHII

ADDRESS: (b) (6)

Marrero, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no analyticals as of 7-22-98

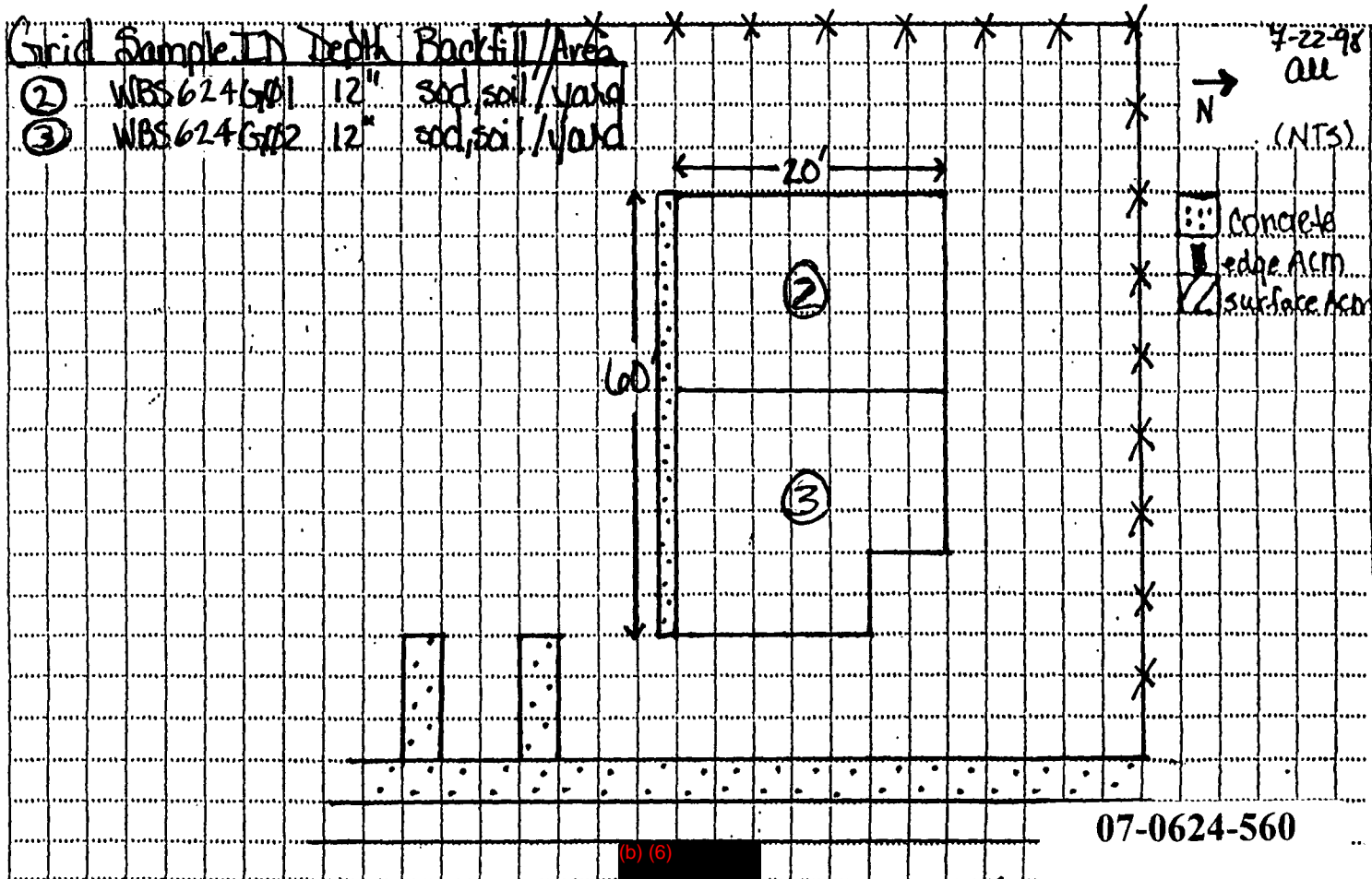
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:



B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE

005510

Amanda Roney

Tracking Number

624

FIELD DATA SHEET 1

Revised 9/29/97

Revised again 2/26/98

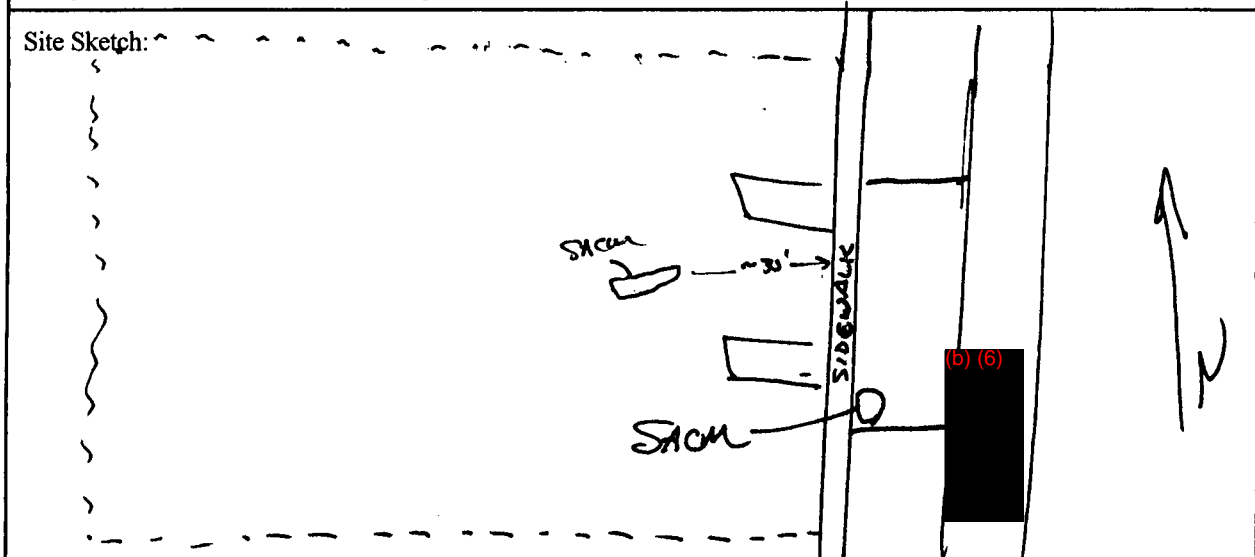
Site Information:

Occupant: Vacant Lot	Interviewee:
Address: (b) (6)	
Phone No	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; <u>vacant lot</u> ; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: seen in servitude

4-3-98 (b) (6) sold property after 1st removal - does not know the owner now. Do not call them about it anymore. Need new owner for Phase II removal (DD)

Date/Time of Interview:

1330 9/29/97

Access Granted (circle):

yes, no

Team Members:

GD KJ

005511

07-0624-510

**CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE**

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: LA

Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

This will not create any cost or liability to the property owner.

10-25-96

DATE

SIGNATURE

005512

07-0624-520

TRACKING #

624

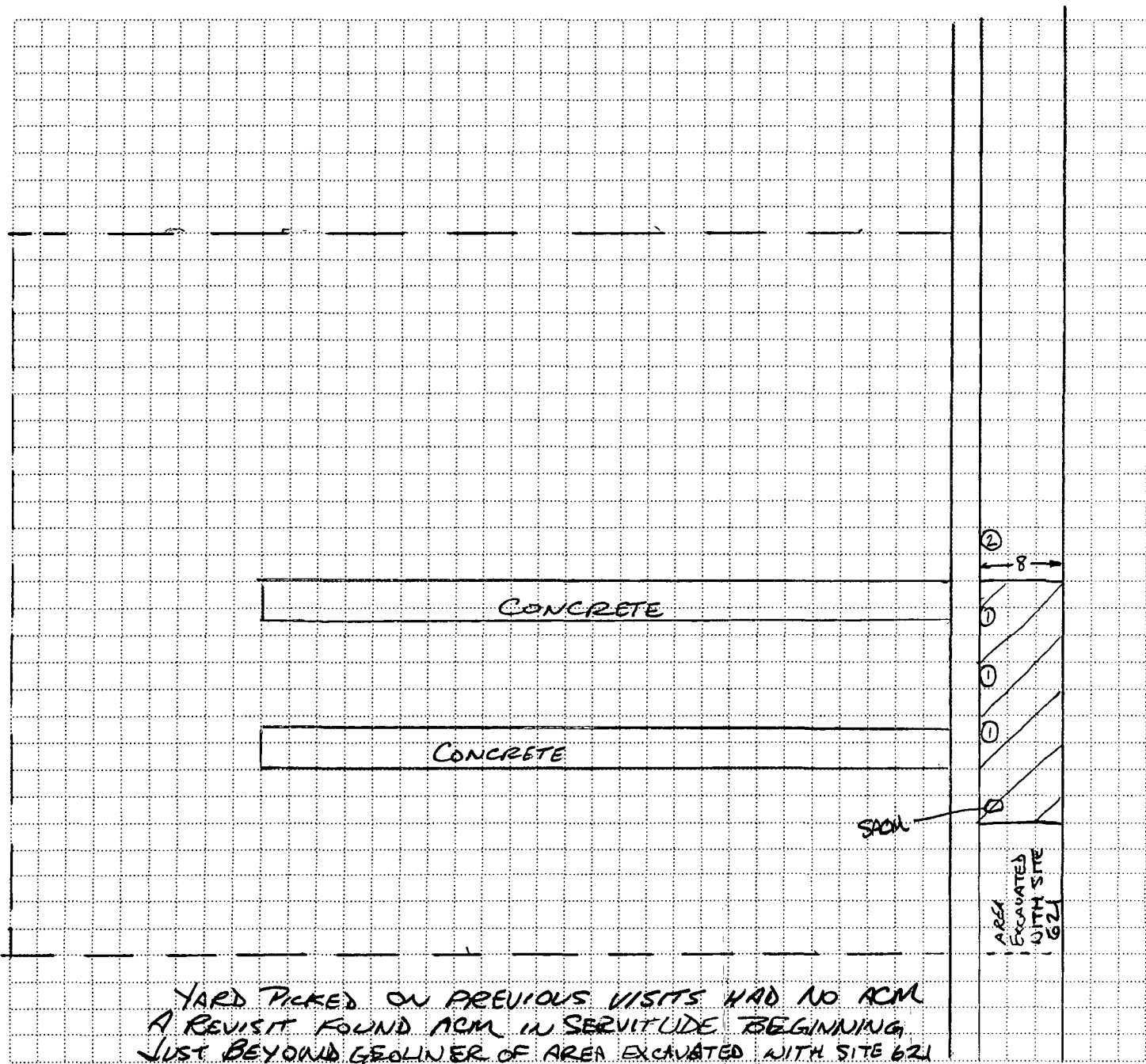
SITE SKETCH

ADDRESS:

(b) (6)

UPDATED:

/ /



NOTES:

N (NTS)



ACM in servitude - continuation
of ACM removed with site
626 on or about Oct 31, 1996

COVER THICKNESS

1	LIMESTONE 2-5"	3 1"
2	"	NO ACM

RESTORATION: A: LIMESTONE

B:

C:

ARRIVAL: 1330

DEPARTURE: 1350

RESTORATION APPROVED BY:

(b) (6)

(Servitude City property)

DATE: 9/30/97

TEAM:

GD/KJ

DATE:

9/29/97

2017 9/30/97

005513

07-0624-530

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 624

ADDRESS:

(b) (6)

Marrero, La.

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON _____.

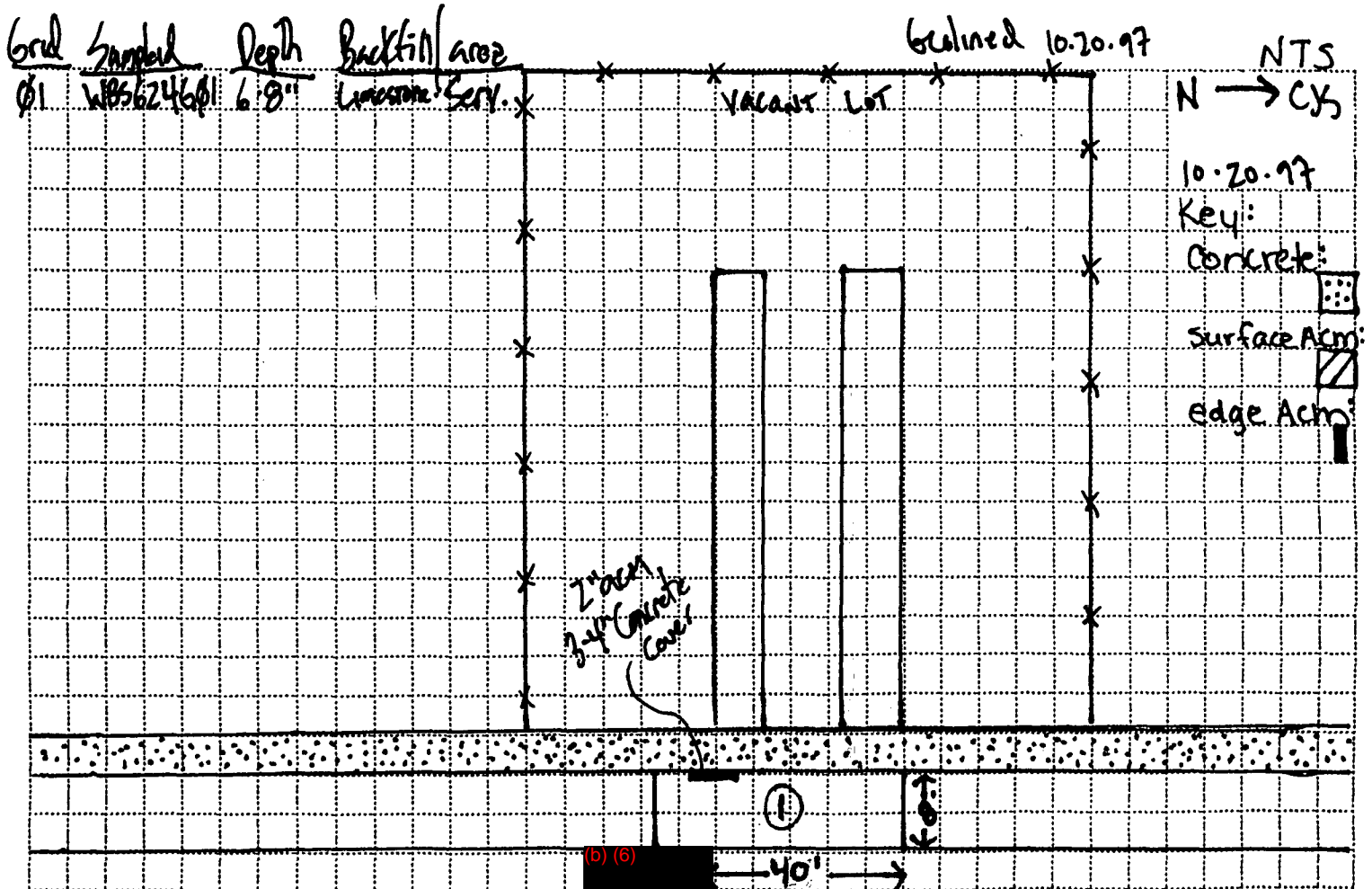
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:



B. FURTHER ACTION NECESSARY:



005514

07-0624-560

AUTHORIZED EPA/START REPRESENTATIVE

Christopher Sonzani

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
 Indianapolis, Indiana 46250
 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Alma Rillera
 Ecology & Environment
 11550 New Castle Avenue
 Baton Rouge, LA 70816

Thursday, October 23, 1997

Ref Number: IN971433

EMSL**POLARIZED LIGHT MICROSCOPY (PLM)**


Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS624G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			40% Quartz 58% Other
WBS1265G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected			20% Quartz 80% Other
WBS1265G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected			20% Quartz 80% Other
WBS1193G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			30% Quartz 70% Other
WBS1384G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	10% Chrysotile < 1% Crocidolite			40% Quartz 50% Other
WBS1384G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	5% Chrysotile < 1% Crocidolite			40% Quartz 55% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method


 Jane Wasilewski
 Analyst


 Approved
 Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

07-0624-570

005515

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 624

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					41.00		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					14.00		
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

07-0624-590

5516



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 10-21-97 Subject RESTORATION site # 624 Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____

(b) (6)

MARRERO
(EMPTY LOT)

ROCK
SERVITUDE
ROCK

005517

07-0624-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

8/18/98

ADDRESS:

(b) (6)

Marrero

SITE #:

624

ACM LOCATED BENEATH:

☐ HOUSE
☐ SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

☐ CHUNKS
☐ POWDER
☐ SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	Vacant Lot

TEAM MEMBERS:

MTL/ASB

07-0624-540

005518

EMSL Analytical, Inc.

2501 Central Pkwy, C-13

Houston, TX 77092

Phone: (713) 686-3635 Fax: (713) 686-3645

EMSL

Attn.: Amanda Looney
Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, July 28, 1998

Ref Number: TX983584

POLARIZED LIGHT MICROSCOPY (PLM)

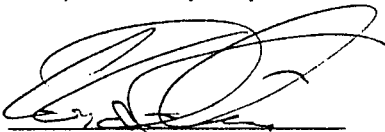
Performed by EPA 600/R-93/116 Method*

Project: 020601 RAG-WESTBANK ASBESTOS


SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS624G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed		None Detected		100% Other
WBS624G03		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		100% Other
WBS1870G01		Tan Non-Fibrous Homogeneous	Crushed	2%	Chrysotile		98% Other
WBS1870G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		100% Other
WBS1910G01		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		100% Other
WBS984G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method



Carlos D. Salinas
Analyst



Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Houston (NVLAP Air and Bulk #102108, Texas Dept. of Health #30-0159)

FIELD DATA SHEET 1

Site Information:

Occupant:	(b) (6)	Interviewee:
Address:	Marrero LA	
Phone No.:		
Owner Name, Address, and Phone No. if Different Than Occupant: same		

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>no</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): <u>yes</u> ; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:

Visible ACM

Underground

House

(b) (6)

Estimated Volume of ACM: _____	
Comments: Drive way - Limestone Yard - Soil / grass	
Date/Time of Interview: 1534 10/28/96	Access Granted (circle): <u>yes</u> ; no
Team Members: Greg Day	

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: Arroyo LA Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/28/96

DATE

(b) (6)

SIGNATURE

**WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM**

FYI:

SITE# 625

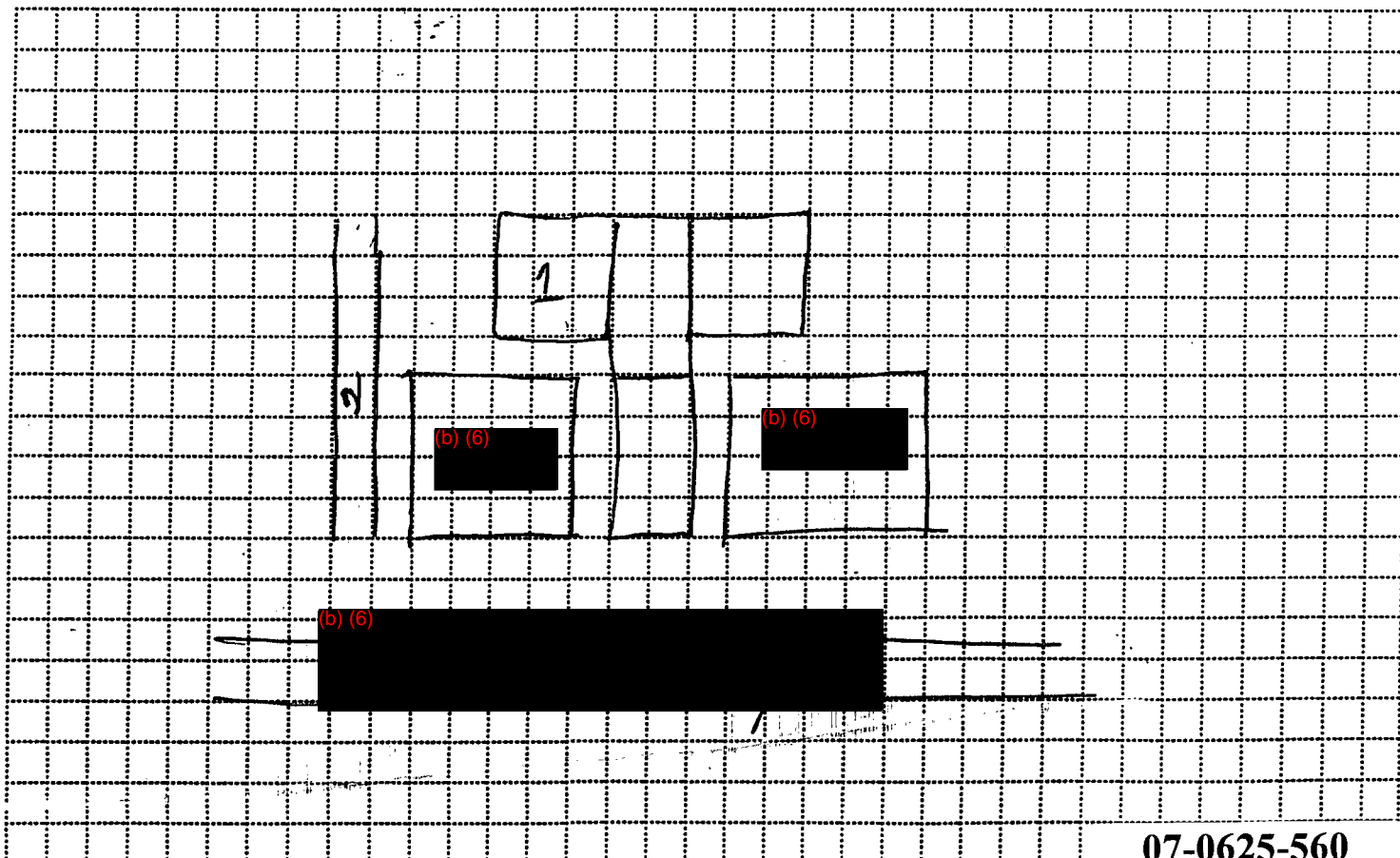
ADDRESS: (b) (6)
Marrero, La. 70072

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 11/8/96 & 11/14/96
grid 1 grid 2

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION: grid 1 grid 2
✓ NOT finished
excavation

B. FURTHER ACTION NECESSARY: _____

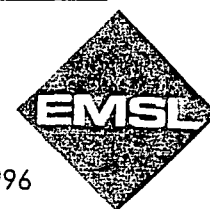


07-0625-560

005522

AUTHORIZED EPA/START REPRESENTATIVE

Madalyn E. Ball



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Tuesday, November 12, 1996


Ref Number: TX962860

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS 446 01 MA1	TRACK 446 GRID 1	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile		100% Other	
WBS 625 01 MA1	TRACK 625 GRID 1	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile		100% Other	
WBS 569 03 MA2	TRACK 569 GRID 3	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite		100% Other	
WBS 622 01 MA2	TRACK 622 GRID 1	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile		100% Other	
WBS 446 02 MA1	TRACK 446 GRID 2	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite		100% Other	
WBS 449 02 MA2	TRACK 449 GRID 2	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite		100% Other	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Carlos D. Salinas
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Monday, November 18, 1996

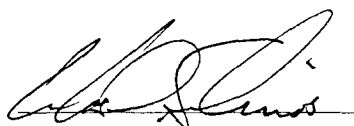
Ref Number: TX962930

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS		
				%	TYPE	%	FIBROUS	% NONFIBROUS
WBS29301MA1	293 SOIL	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS29302MA1	293 SOIL	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS62502MA1	625	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS62503MA1	625	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.


Carlos D. Salinas
Analyst


Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Monday, November 11, 1996

Ref Number: TX962861

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS44601MA1	TRACK 446 GRID 1	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		100% Other
WBS62501MA1	TRACK 625 GRID 1	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas
Analyst

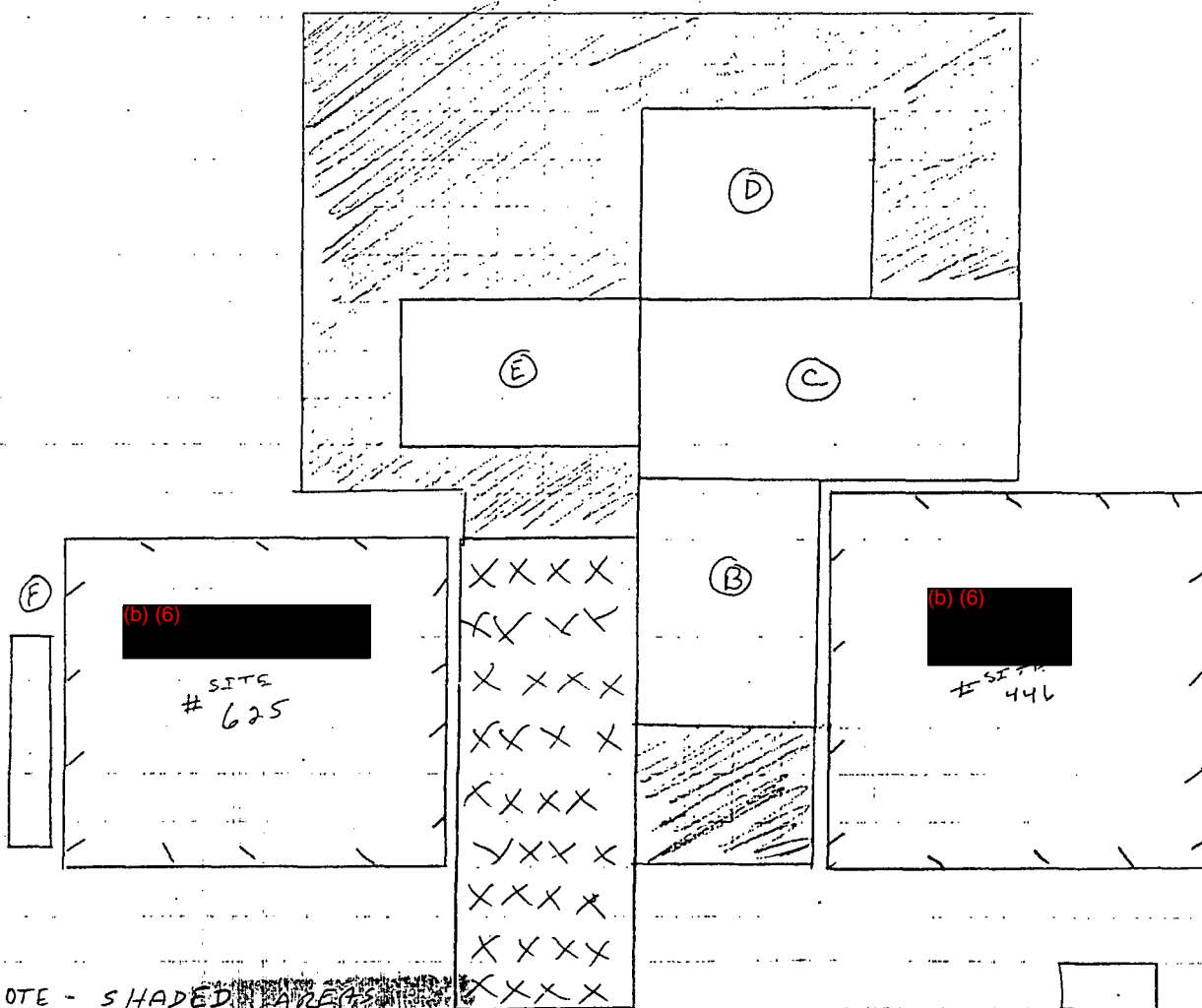
Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

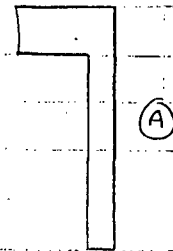




By _____ Date _____ Subject _____ Sheet No. _____ of _____
Chkd. By _____ Date _____ Proj. No. _____



*NOTE - SHADED AREAS
WERE RESTORED DUE TO DAMAGE
DURING EXCAVATION. REPAIRED
WITH SOD.
XX AREA WAS REPAIRED
WITH LIMESTONE



WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

8/18/18

SITE #:

625

ADDRESS:

(b) (6)

Marrero

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

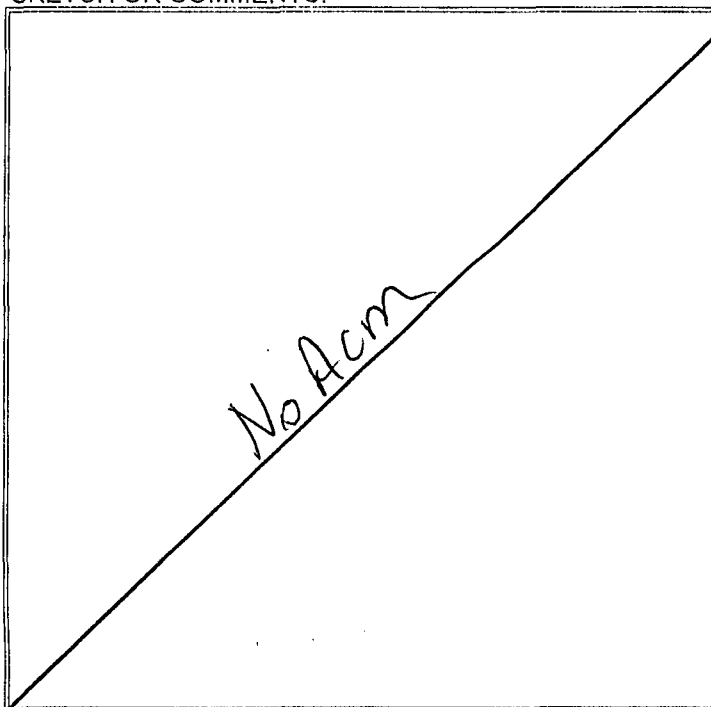
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	_____

TEAM MEMBERS:

MTL/ASB

07-0625-540

005527

NEW
FIELD DATA SHEET 1

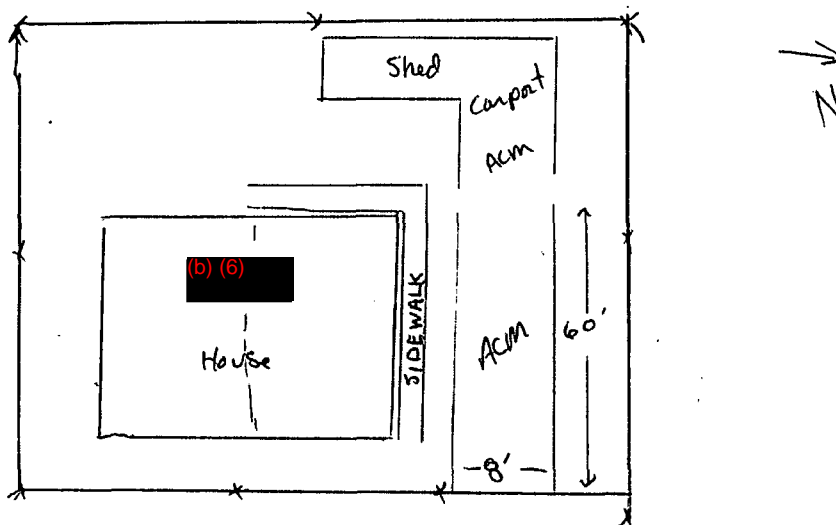
Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Marrero</u>	
Phone No. _____	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)	

Site Description:

1) Description of property (circle): single home; <u>duplex</u> ; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; <u>gate</u> ; dogs; other _____ resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other <u>Don't know</u> Note location on site sketch.
4) Is any underground ACM present? (circle): <u>yes</u> ; no; don't know If yes, note on site sketch. How deep? _____

Site Sketch:



Estimated Volume of ACM: _____

Comments: ACM also under sidewalk soil/grassDate/Time of Interview: 10/24 10:00Access Granted (circle): yes; noTeam Members: K/ML

Wlee Site

626

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)
Property's Address: (b) (6) *Maner*
State/Zip: *LA* Phone Number(s): (b) (6) (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 *et seq.* Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/24/96
DATE

(b) (6)
SIGNATURE

07-0626-520

005529

9/2

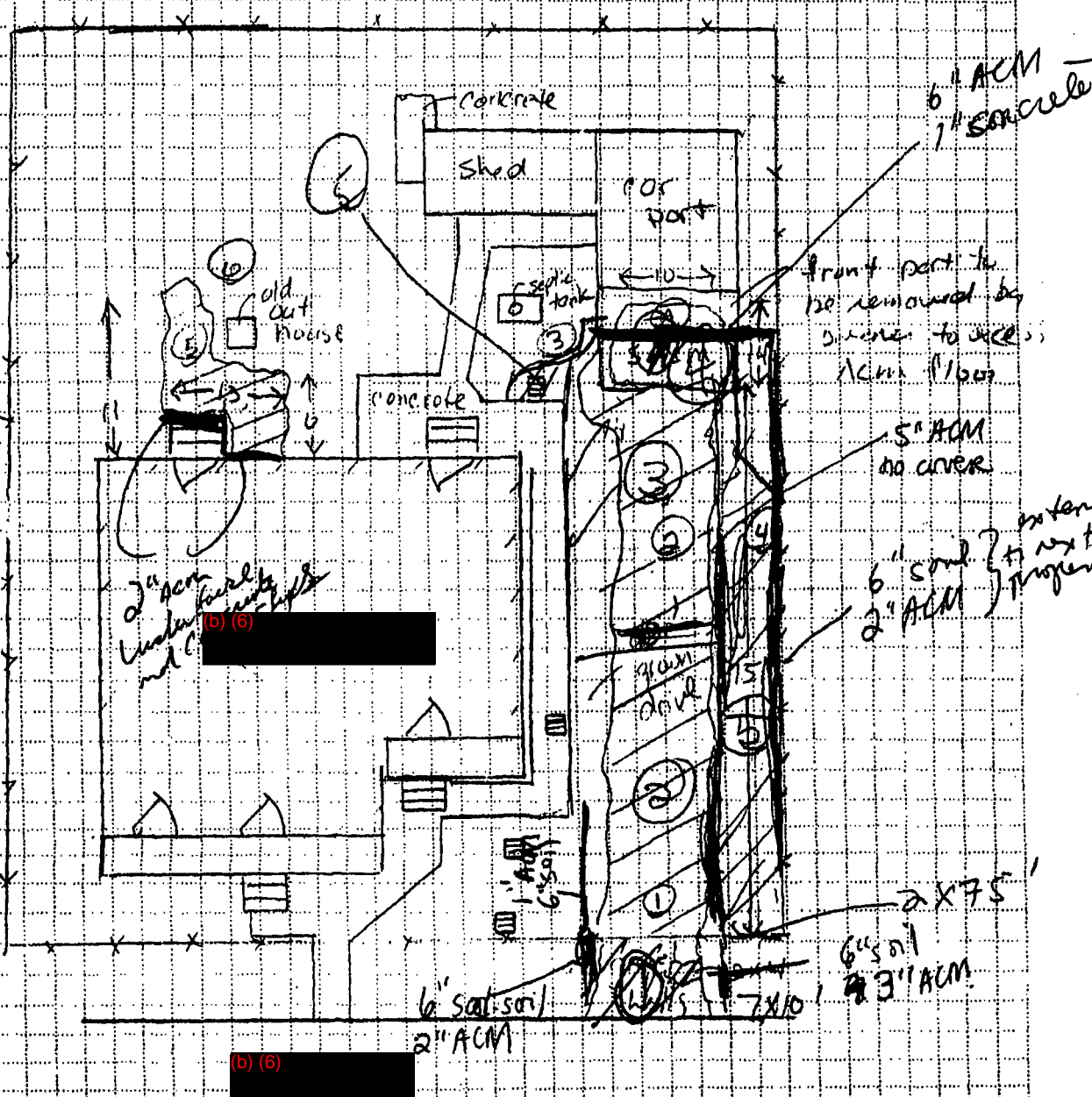
TRACKING # 626

SITE SKETCH

ADDRESS: (b) (6)

UPDATED: 1/1

microarc



NOTES:



(grass to the right of the driveway)
neg. syadue
REVSD
5/27/97

RESTORATION: A: concrete 10x14 x 2
B: 75x10 Lin drive
C: soil sod remainder

ARRIVAL: 1400
DEPARTURE: 1505

#	COVER	THICKNESS
1	5" shells / soil	± 2" ACM
2	5" shells / soil	± 2" ACM
3	± 6" grass / soil	—
4	± 6" grass / soil	—
5	5" grass	± 2" ACM
6	± 6" grass / soil	—

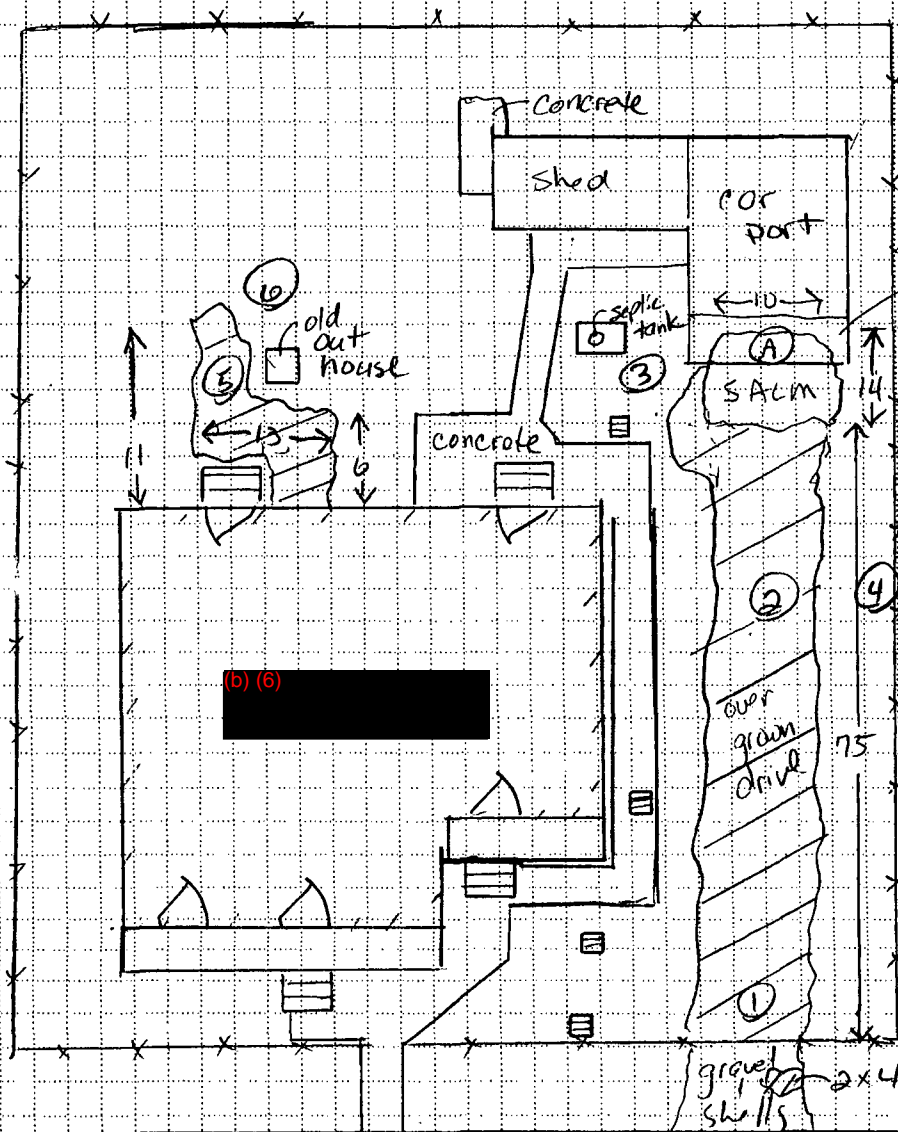
07-0626-530

00553 (b) (6)

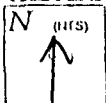
RESTORATION APPROVED BY: X

DATE: 1/1

TEAM: CC/PH/SW Jm 5/14/92 DATE: 5/10/97 TO IT 5/15



NOTES:



RESTORATION: A: concrete 10x14 pad
 B: 75x10 Lm drive
 C: soil sod remainder

ARRIVAL: 1400
 DEPARTURE: 1505

005531

07-0626-530

RESTORATION APPROVED BY: (b) (6)

DATE: 1/1

TEAM: CC/PH/SW JM 5/14/97 DATE: 5/10/97 TO IT 5/15

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 626

ADDRESS: (b) (6)
Marrero, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO Anal, as of 5-28-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

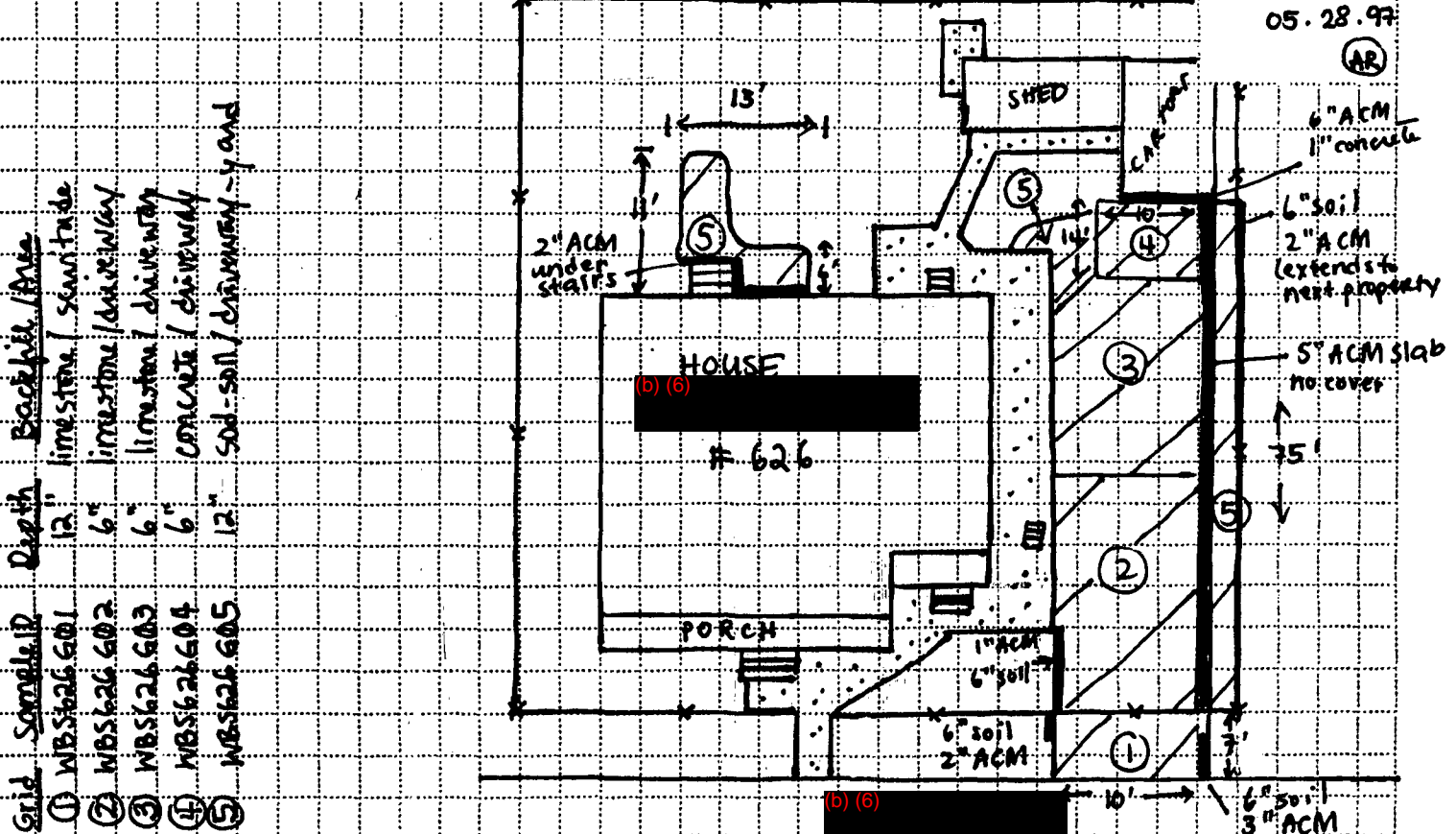
GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ✓ ✓ ✓ ✓ ✓

B. FURTHER ACTION NECESSARY:

• Visible ACM after excavation highlighted below by: (1) and (2)
• Geolined 05.27.97

N.T.S.



005532

07-0626-560

AUTHORIZED EPA/START REPRESENTATIVE

Laurence Road

Westwood, NJ	Placemaway, NJ	Carle Place, NY	Manhasset, NY	Seaside, WA	Ann Arbor, MI	San Mateo, CA	Anytown, GA	Greensboro, NC	Houston, TX
800-258-4800	800-961-4550	516-887-7251	212-280-0062	203-323-9007	313-469-4810	415-575-5401	404-332-4008	910-297-1487	713-686-9635

EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Monday, June 02, 1997

Ref Number: TX972040

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 060601RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
482 WBS471G04	(b) (6)	Tan Fibrous Homogeneous	Teased	10%	Chrysotile 1% Crocidolite		89% Other
WBS031G01		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
495 WBS471G02		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS498G01		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
498 WBS471G02		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile < 1% Crocidolite		100% Other
WBS626G01		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.



Carlos D. Salinas
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

2

07-0626-570

005533

Westwood, NJ 908-458-4800	Placerville, NJ 908-581-0550	Catskill Plaza, NY 616-887-7251	Manhattan, NY 212-230-0052	Seattle, WA 206-333-8007	Ann Arbor, MI 313-582-4810	San Mateo, CA 415-675-5401	Emeryville, CA 454-332-8086	Greensboro, NC 910-297-1487	Houston, TX 713-496-5655
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EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Monday, June 02, 1997


Ref Number: TX972040

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 060601RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS626G02	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	5% Chrysotile 1% Crocidolite			94% Other
WBS626G03		Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS626G04		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS1083G01		Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS1083G02		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS1083G03		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "Number of Layers" refers to number of separable subsamples.


Carlos D. Salinas
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

3

07-0626-570

005534

Westmont, NJ 609-656-4800	Piscataway, NJ 908-961-0558	Carle Place, NY 516-987-7251	Manhasset, NY 212-350-0552	Seattle, WA 206-233-9007	Ann Arbor, MI 313-465-4810	San Mateo, CA 415-679-6401	Emeryville, CA 404-333-8286	Cromwell, NC 910-297-1457	Houston, TX 714-456-5835
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Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Monday, June 02, 1997

Ref Number: TX972040

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 060601RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS626G05	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS026G01		Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS026G02		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS026G03		Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS026G04		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS026G05		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "W of Layers" refers to number of separable subsamples.

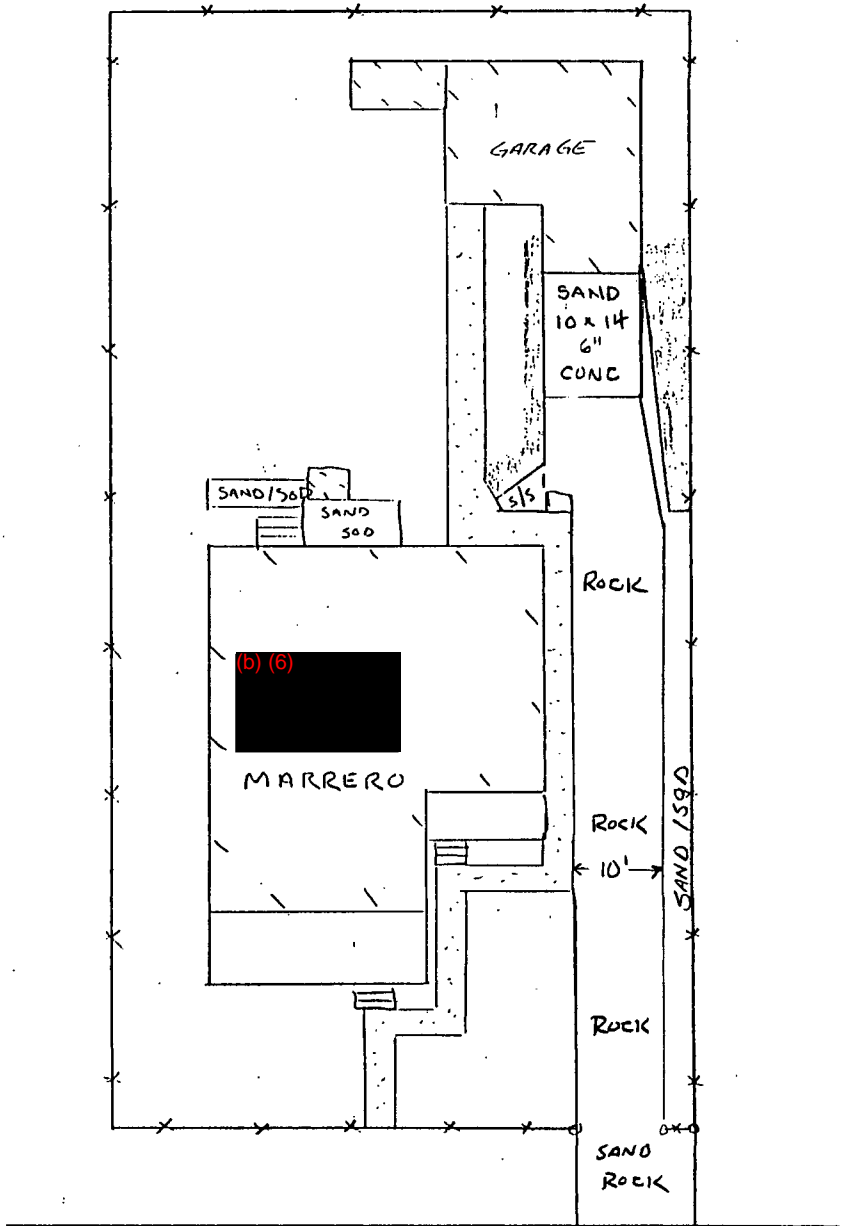
Carlos D. Salinas
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



By PM Date 5-28-97 Subject RESTORATION SITE # 626 Sheet No. of
Chkd. By Date Proj. No.



(b) (6)

07-0626-590

05536

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 626

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					97. ⁰⁰		
Sod Installation (sq.yds.)					35. ⁵⁰		
6" Concrete Installation (sq. yds.)					15. ⁵⁰		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					64. ⁵⁵		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					22. ⁵⁰		
Sand (cu.yds.)					20. ⁰⁰		
Concrete (cu.yds.)					3. ⁰⁰		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

005537

07-0626-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-25-98

ADDRESS: (b) (6)

SITE #: 0626

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

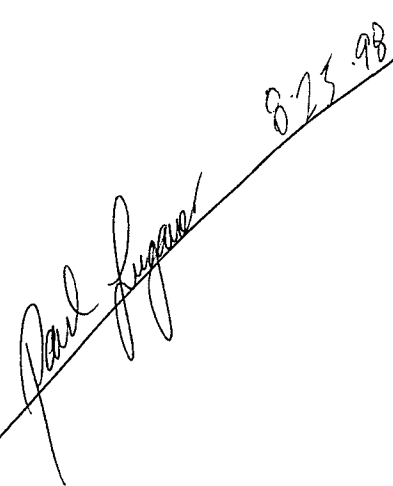
APPR. CRAWL SPACE HEIGHT: 12"

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

TEAM MEMBERS: ASB/PLU

005538

07-0626-540

4/28/98 Owner came by + told START that
ACM had been exposed near rear
of property.

Tracking Number 627

NEW
FIELD DATA SHEET 1

~~NO ACM~~

Revised 5/8/98

Site Information:

Occupant: <u>VACANT LOT</u>	Interviewee:
Address: <u>(b) (6)</u>	<u>Marrero</u>
Phone No.: <u>(b) (6)</u>	
Owner Name, Address, and Phone No. if Different Than Occupant: <u>(b) (6)</u>	

Site Description:

1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; <u>vacant lot</u> ; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>No</u> resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; <u>don't know</u> If yes, note on site sketch. How deep? _____

Site Sketch:

SACM near rear of property!

possible ACM

15'

FIRE Hydrant

(b) (6)

Estimated Volume of ACM: _____

Comments: NO ACM visible. Possibly 6" underground, but more was found
The location was an old garage that has been removed.

Date/Time of Interview: 10/24 09:55

Access Granted (circle): yes; no

Team Members: TC/ML

005538

07-0627-510

HOME ADDRESS

(b) (6)

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

627
Revised 5/8/98
[Signature]

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

Marino

(b) (6)

empty lot main

State/Zip: *CA 90072*

Phone Number(s): (b) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

9-12-96

DATE

(b) (6)

/ SIGNATURE

07-0627-520

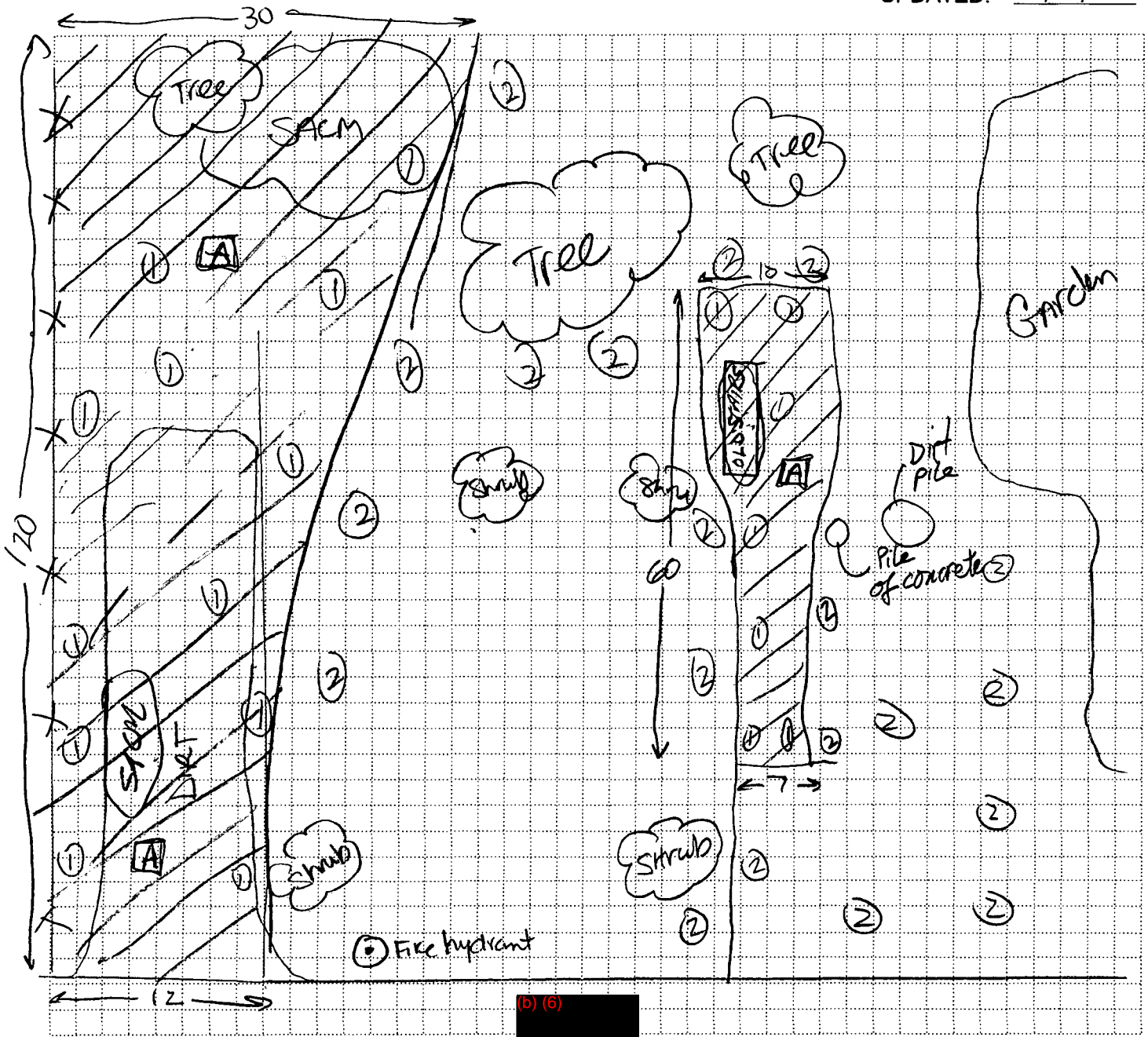
005540

TRACKING # 627

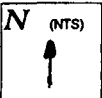
SITE SKETCH

ADDRESS: (b) (6) Manero

UPDATED: 1/1



NOTES:



RESTORATION: A: GRASS (HYDRO-SEED)

B:

C:

ARRIVAL: 1540

DEPARTURE: 1620

#	COVER	THICKNESS
1	GRASS 2 1/2"	> 2"
2	GRASS 1	no ACM

RESTORATION

APPROVED BY: OSC/ACE Jm DATE: 5/14/98 OWNER: (b) (6)

DATE: 5/21/98

TEAM: GD/CVM DATE: 5/8/98

TO IT DATE: 5/21/98

07-0627-530

005541

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 627

ADDRESS: (b) (6)

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No Analytical as of 6-5-98

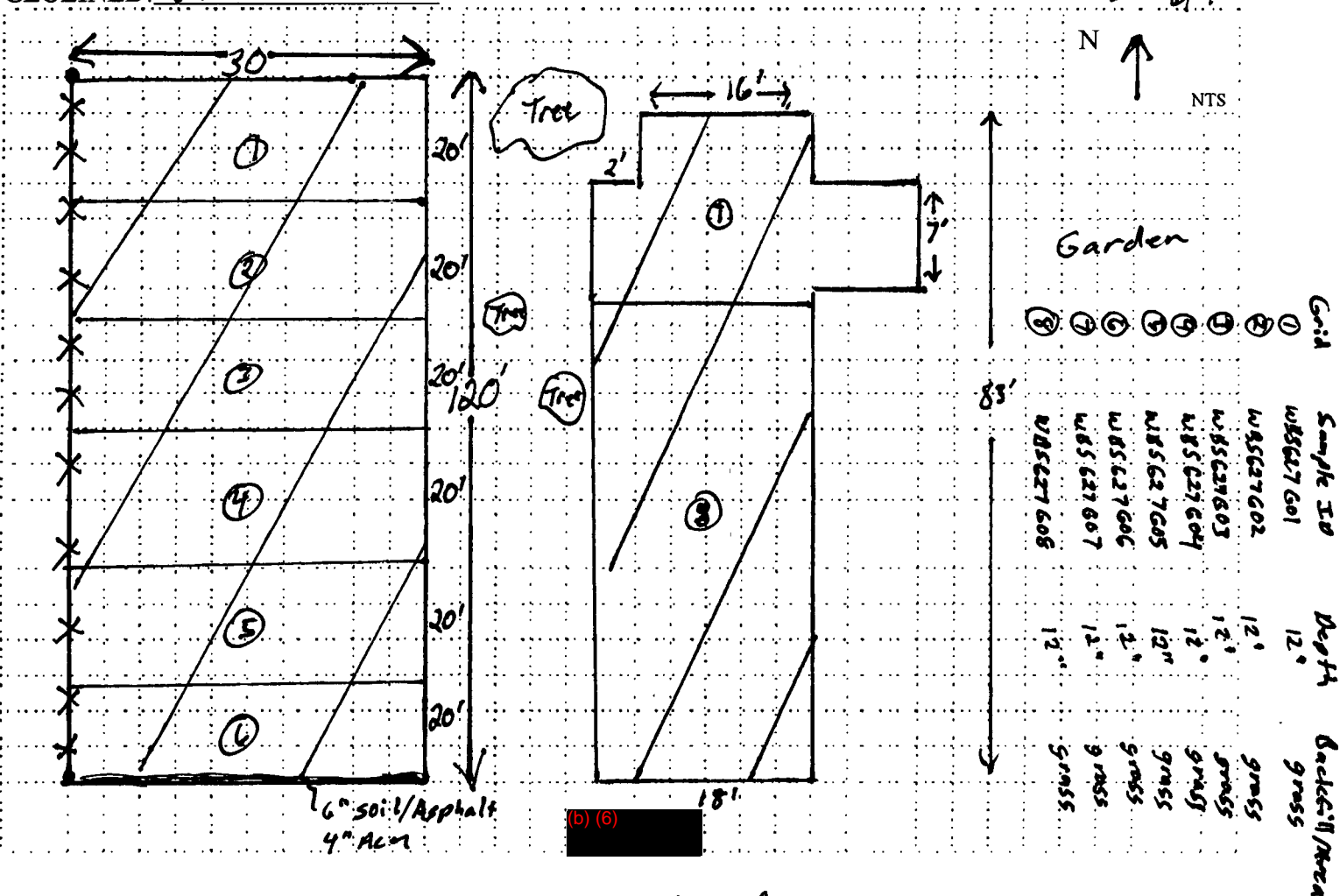
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

B. FURTHER ACTION NECESSARY: _____

GEOLINED: 6-5-98



AUTHORIZED EPA/START REPRESENTATIVE Jody T. Shiner

005542

07-0627-560

EMSL Analytical, Inc.

6330 E. 75th St., Suite 152

Indianapolis, IN 46250

Phone: (317) 570-5892 Fax: (317) 570-5894

EMSL

Attn.: Jody Shires
 Ecology & Environment
 11550 New Castle Avenue
 Suite 250
 Baton Rouge, LA 70816

Friday, June 05, 1998

Ref Number: IN981798

POLARIZED LIGHT MICROSCOPY (PL)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WB8823G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed		None Detected		100% Other
WB81954G01		Brown Non-Fibrous Homogeneous	Crushed	5%	Chrysotile		95% Other
WB8627G01		Brown Non-Fibrous Homogeneous	Crushed		None Detected		100% Other
WB8827G02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		100% Other
				< 1%	Crocidolite		
WB8627G03		Brown Non-Fibrous Homogeneous	Crushed	5%	Chrysotile		95% Other
WB8627G04		Brown Non-Fibrous Homogeneous	Crushed	3%	Chrysotile		97% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 188-1 Method

07-0627-570



Lee Harbour
Analyst



Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL, Indianapolis (NVLAP Air and Bulk #200188-0.)

005543

EMSL Analytical, Inc.

6330 E. 75th St., Suite 132

Indianapolis, IN 46250

Phone: (317) 570-5892 Fax: (317) 570-5894

EMSL

Attn.: Jody Shires
 Ecology & Environment
 11550 New Castle Avenue
 Suite 250
 Baton Rouge, LA 70816

Friday, June 05, 1998

Ref Number: IN981798

POLARIZED LIGHT MICROSCOPY (PL)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WB8627G08	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed		None Detected		100% Other
WB8627Q08		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 186-1 Method

Lee Harbour
 Lee Harbour
 Analyst

Philip J. ...
 Approved
 Signatory

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Analytical performed by EMSL, Indianapolis (NVLAP Accredited) 020601-01

07-0627-570

005544

EMSL Analytical, Inc.

6330 E. 75th St., Suite 152

Indianapolis, IN 46250

Phone: (317) 570-5892 Fax: (317) 570-5894

EMSL

Attn.: Jody Shires
Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Tuesday, June 09, 1998

Ref Number: IN981841

POLARIZED LIGHT MICROSCOPY (PL)
Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS1919S1	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2%	Chrysotile		98% Other
WBS1919S2	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	5%	Chrysotile		95% Other
WBS1919S3	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2%	Chrysotile < 1% Crocidolite		98% Other
WBS627G07	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed		None Detected		100% Other
WBS627G08	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed		None Detected		100% Other
WBS1690Q04	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	10%	Chrysotile < 1% Crocidolite		90% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 188-1 Method

Lee Harbour
Lee Harbour
Analyst

Robert L. Harding
Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #300168-Q.)

005545

07-0627-570

EMSL Analytical, Inc.

6330 E. 75th St., Suite 152

Indianapolis, IN 46250

Phone: (317) 570-3892 Fax: (317) 570-5894

EMSL

Attn.: Jody Shires
 Ecology & Environment
 11550 New Castle Avenue
 Suite 250
 Baton Rouge, LA 70816

Friday, June 05, 1998

Ref Number: IN981798

POLARIZED LIGHT MICROSCOPY (PL)

Performed by EPA 600/R-93/116 Method*

Project: 020401 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
✓ WB8623Q01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed		None Detected		100% Other
✓ WB81984Q01		Brown Non-Fibrous Homogeneous	Crushed	5%	Chrysotile		95% Other
✓ WB8627Q01		Brown Non-Fibrous Homogeneous	Crushed		None Detected		100% Other
✓ WB8627Q02		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile < 1% Crocidolite		100% Other
✓ WB8627Q03		Brown Non-Fibrous Homogeneous	Crushed	5%	Chrysotile		95% Other
✓ WB8627Q04		Brown Non-Fibrous Homogeneous	Crushed	3%	Chrysotile		97% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "N Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 185-1 Method

Lee Harbour
 Lee Harbour
 Analyst

*Entered
 6/6/98
 JRS*

[Signature]
 Approved
 Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Asbestos performed by EMSL Indianapolis (NVLAP Air and Bulk #200185-0.)

07-0627-570

005546

EMSL Analytical, Inc.

6330 E. 75th St., Suite 152

Indianapolis, IN 46250

Phone: (317) 570-5892 Fax: (317) 570-5894

EMSL

Attn.: Jody Shires

Ecology & Environment

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Friday, June 05, 1998

Ref Number: IN981798

POLARIZED LIGHT MICROSCOPY (PL)

Performed by EPA 400/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
✓ WBS627G05	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed		None Detected		100% Other
✓ WBS627G06		Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "N Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 186-1 Method

Lee Harbour
Lee Harbour
Analyst

*Entered
6/6/98
JRS*

Robert L. Harding
Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analytic performed by EMSL, Indianapolis (004 ASB Air and Bulk #200186-0)

07-0627-570

005547

EMSL Analytical, Inc.

6350 E. 75th St., Suite 152

Indianapolis, IN 46250

Phone: (317) 570-5892 Fax: (317) 570-5894

EMSL

Attn.: Jody Shlres

Ecology & Environment

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Friday, June 05, 1998

Ref Number: IN981799

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

Project: F68209 - W.A.R.P.

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. fib/cc	fibers/ mm ²	fibers/cc
627P521		6/2/98	914.00	2.0	100	0.003	2.55	<LOD

Jane Wasilewski

Analyst

Approved
Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 7 fibers/mm² and is volume dependent. Samples below the LOD are non-quantifiable and therefore are non-reliable. The laboratory is not responsible for fibers counted in fibers/mm² or fibers/cc, which are dependent on volume collected by non-laboratory personnel. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above.

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188-0.)

07-0627-571

005548



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 6-8-98 Subject RESTORATION SITE # 627 Sheet No. of
Chkd. By Date Proj. No.

AMES

SAND ONLY

(b) (6)

HARVEY

(VACANT Lot)

SAND ONLY

(b) (6)

07-0627-590

005519

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 627

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					561. ⁵⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					234. ⁰⁰		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS:

IT REPRESENTATIVE SIGNATURE

07-0627-590

SUB 1 SIGNATURE

005550

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 7/23/98
SITE #: 627

ADDRESS: (b) (6)
Marrero

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

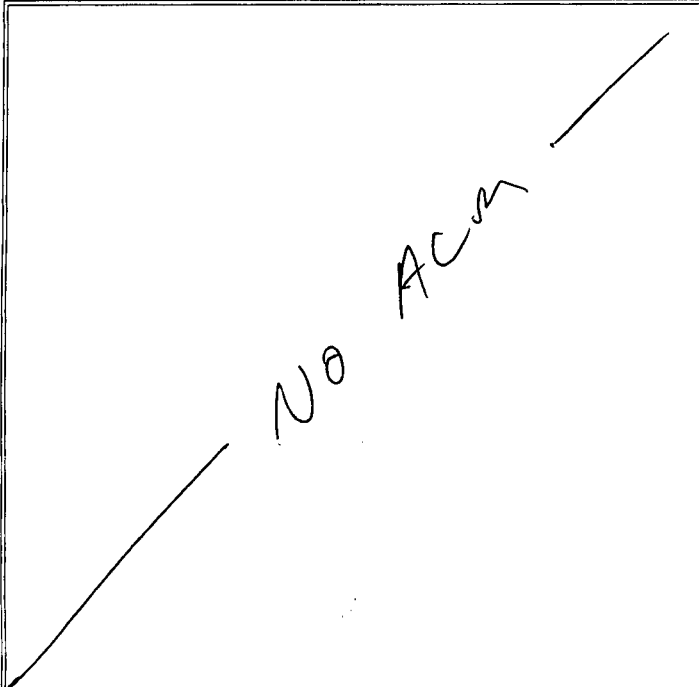
APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

	<u>Vacant Lot</u>

TEAM MEMBERS: RL/JS

005551

07-0627-540

FIELD DATA SHEET 1

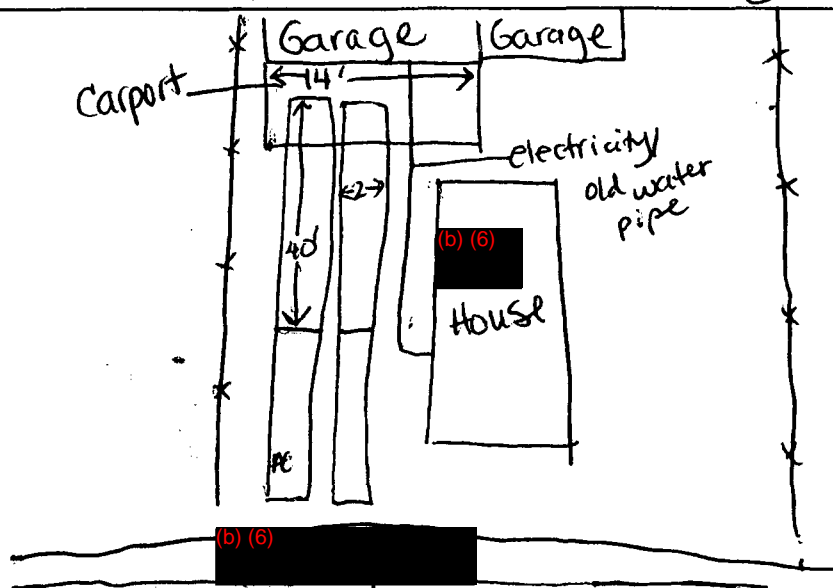
Site Information:

Occupant: (b) (6)	Interviewed: (b) (6)
Address: <u>Harvey 70058</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: <u>same</u>	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>none</u> resolution: _____
3) Underground utilities installed by owner? (circle): no; water; gas; <u>electric</u> ; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): <u>yes</u> ; no; don't know <u>undergrass</u> If yes, note on site sketch. How deep? _____

Site Sketch:

Estimated Volume of ACM: 80 sq/ftComments: backfill: limestoneDate/Time of Interview: 10/25/96 1140Access Granted (circle): yes no

Team Members:

ML/TC

005552

06-0628-510

628

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)

Property's Address: (b) (6)

State/Zip: Ca, 76058 Phone Number(s): (b) (6)

Harvey

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10-25-96

DATE

(b) (6)

SIGNATURE

005554

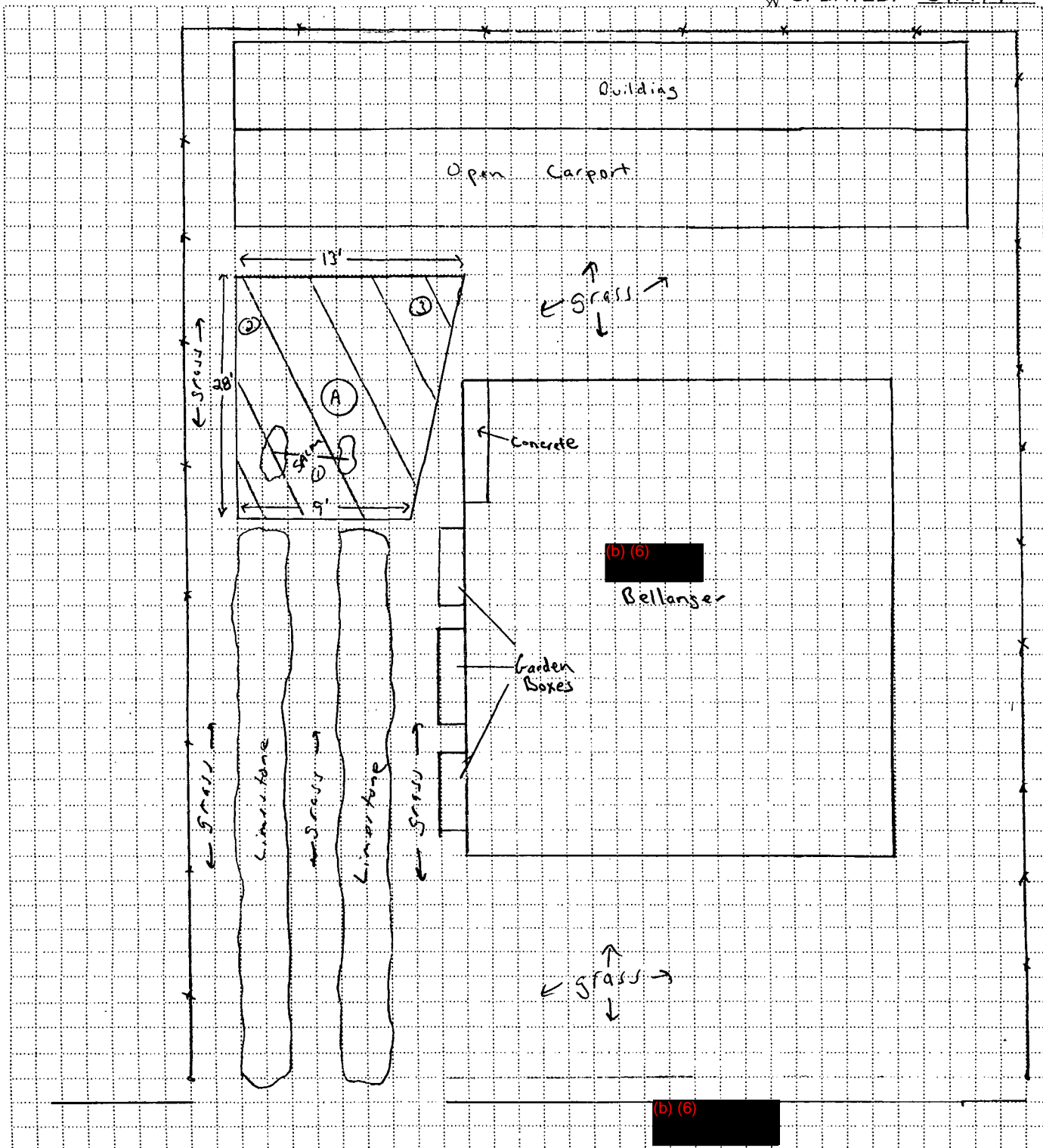
07-0628-520

TRACKING # 628

SITE SKETCH

ADDRESS: (b) (6) -Harvey

*UPDATED: 5/14/97



NOTES:

N (115)
←

Wants only grey limestone
*Note: called 5/14/97 at 1045 hrs - wants
crush granite from source on (b) (6)
Rd as replacement driveway
Forwarded to USACE Montegut on 5/14/97

RESTORATION: A: Grey Limestone

B:

C:

ARRIVAL: 1456

DEPARTURE: 1517

#	COVER	THICKNESS
①	2"	2"
②	1"	2"
③	2"	2"

06-0628-530

RESTORATION APPROVED BY: 005555 (b) (6)

DATE: 5/16/97

TEAM: TN, SJ, PH

DATE: 5/16/97

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 628

ADDRESS: (b) (6)
Harvey, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical as of 05-13-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

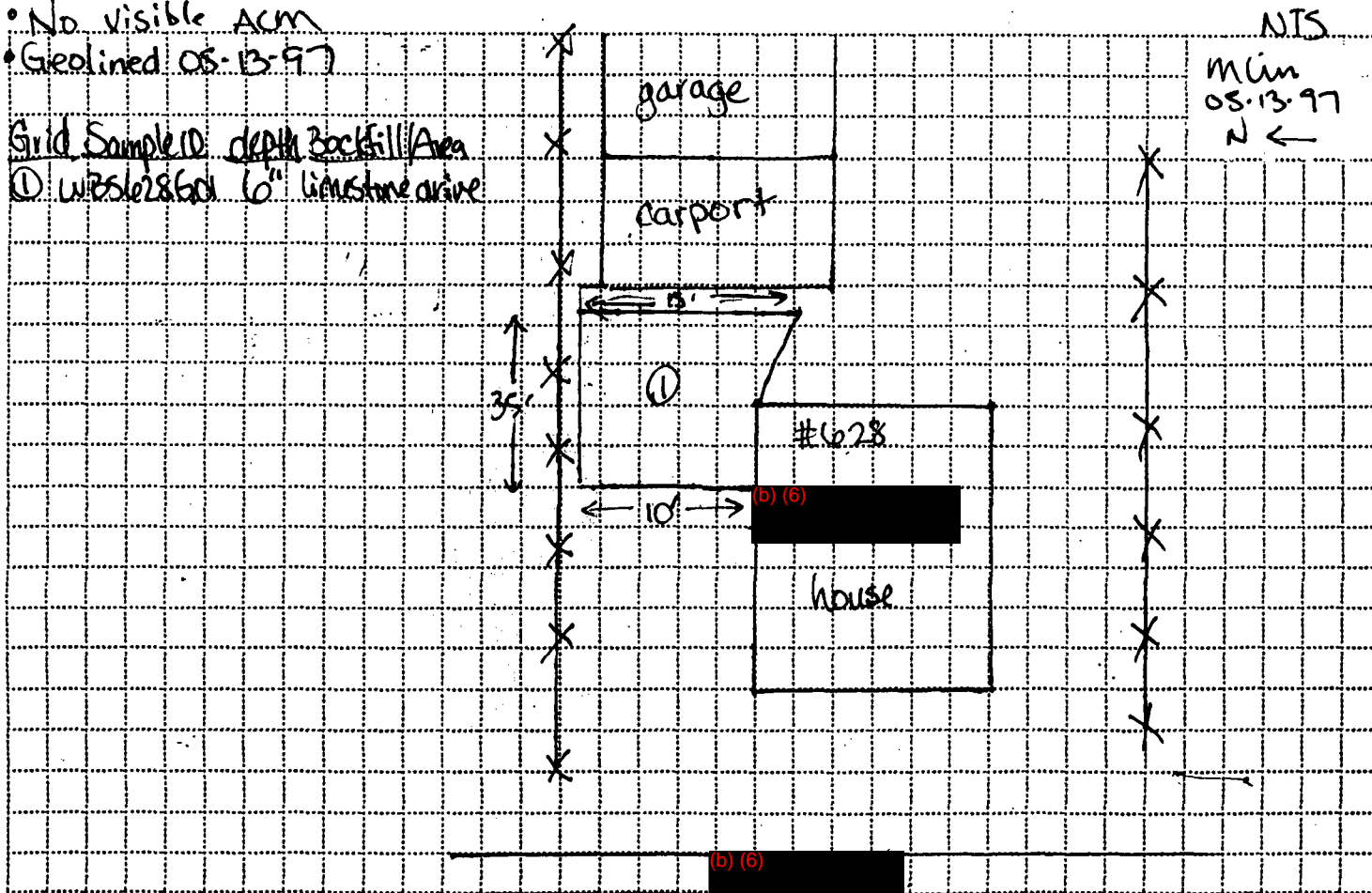
GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ✓ _____

B. FURTHER ACTION NECESSARY: _____

- No visible ACM
- Geolined 05-13-97

Grid Sample ID depth Backfill Area
① WBS628601 6" limestone arvic



005556

06-0628-560

AUTHORIZED EPA/START REPRESENTATIVE

Lawrence Kelly

Westmont, NJ 908-658-6800 Pleasantwy, NJ 908-981-0658 Carlo Place, NY 516-497-7251 Manhattan, NY 212-280-0052 Seattle, WA 206-233-9007 Ann Arbor, MI 313-468-4910 San Mateo, CA 415-670-5401 Smyrna, GA 404-328-8888 Greensboro, NC 919-277-1487 Houston, TX 713-636-9635



Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Monday, May 19, 1997

Ref Number: TX971762

POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS175G46	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS175G47		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS175G48		Tan Fibrous Homogeneous	Teased	10% Chrysotile 2% Crocidolite			88% Other
WBS175G49		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS435G01		Brown Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS628G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

06-0628-570

Arthur Hernandez, Jr.
Analyst

Approved
Signatory

005557

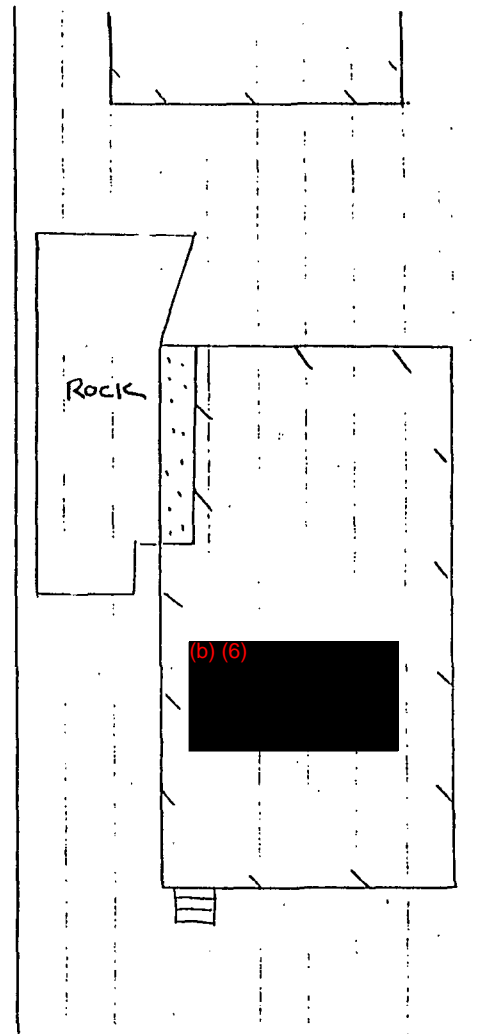
Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 5-14-97 Subject RESTORATION SITE # 628 Sheet No. of
Chkd. By Date Proj. No.



06-0628-590

005558

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 628

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					53. ⁰⁰		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					14. ⁵⁰		
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

005559

06-0628-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/20/98
SITE #: 628

ADDRESS: (b) (6)
Harvey

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<u>No ACM</u>	_____

TEAM MEMBERS: MTL/ASD

FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee: (b) (6)
Address: <u>Harvey</u>	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant: <u>Same</u>	

Site Description:

1) Description of property (circle): <u>single home</u> ; duplex; business; school; daycare; church; vacant house; vacant lot; other _____
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>None</u> resolution: _____
3) Underground utilities installed by owner? (circle): <u>no</u> ; water; gas; electric; cable TV; septic tank; other _____ Note location on site sketch.
4) Is any underground ACM present? (circle): <u>yes</u> ; no; don't know If yes, note on site sketch. How deep? <u>4" under grass</u>

Site Sketch:

carport

ACM 16'

8'

concrete

House

(b) (6)

Estimated Volume of ACM: _____

Comments: ACM is buried under grass Backfill: grassDate/Time of Interview: 10/25/96 1115Access Granted (circle): yes; noTeam Members: ML/TC

#629

CONSENT FOR ACCESS TO PROPERTY

WESTBANK ASBESTOS SITE

Property Owner's Name (b) (6)

Property's Address: (b) (6)

State/Zip: Harvey La Phone Number(s): (b) (6)

70058

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

1. The taking of such soil, water and air samples as may be determined to be necessary;
2. Other actions related to the investigation of surface or subsurface contamination;
3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to mitigate releases or threats of releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate and restore contaminated property, and it legally cannot improve a property beyond removing hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

10/25/96
DATE

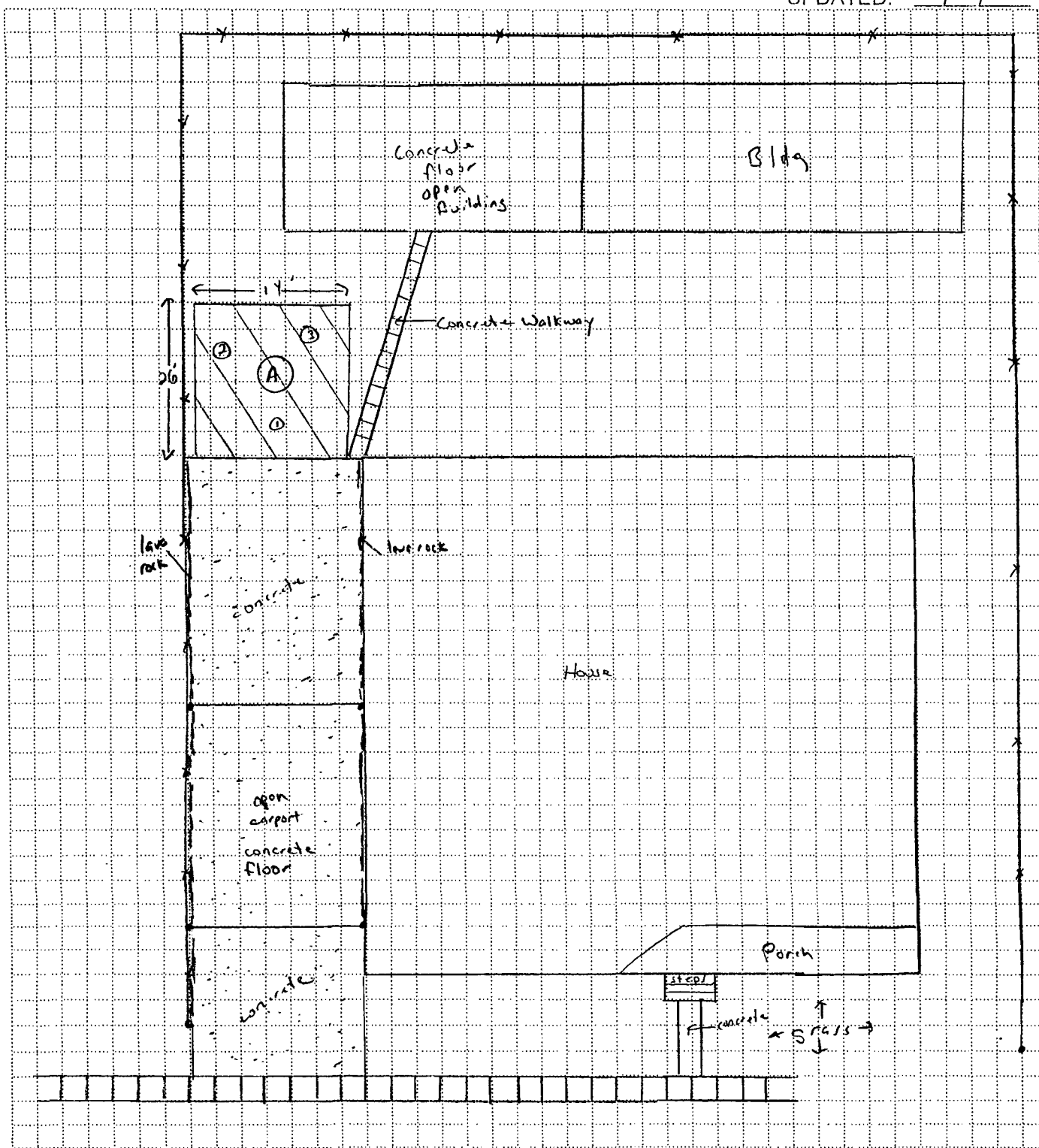
(b) (6)

SIGNATURE

[Signature]

005562

06-0629-520



NOTES:

N (N175)



#	COVER	THICKNESS
0	1"	4"
①	4"	1"
②	4"	4"

RESTORATION: A: Sand/Sod

B:

C:

ARRIVAL: 1600

DEPARTURE: 1620

005562

(b) (6)

RESTORATION APPROVED BY

DATE: 5.4.97

06-0629-530

TEAM: TN, PH, SJ, CC

DATE: 5.16.97

WESTBANK ACM REMOVAL PROJECT
SAMPLE ANALYSIS CONFIRMATION
USEPA START TEAM

FYI:

SITE# 629

ADDRESS: (b) (6)
Harvey, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical as of 5-12-97

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

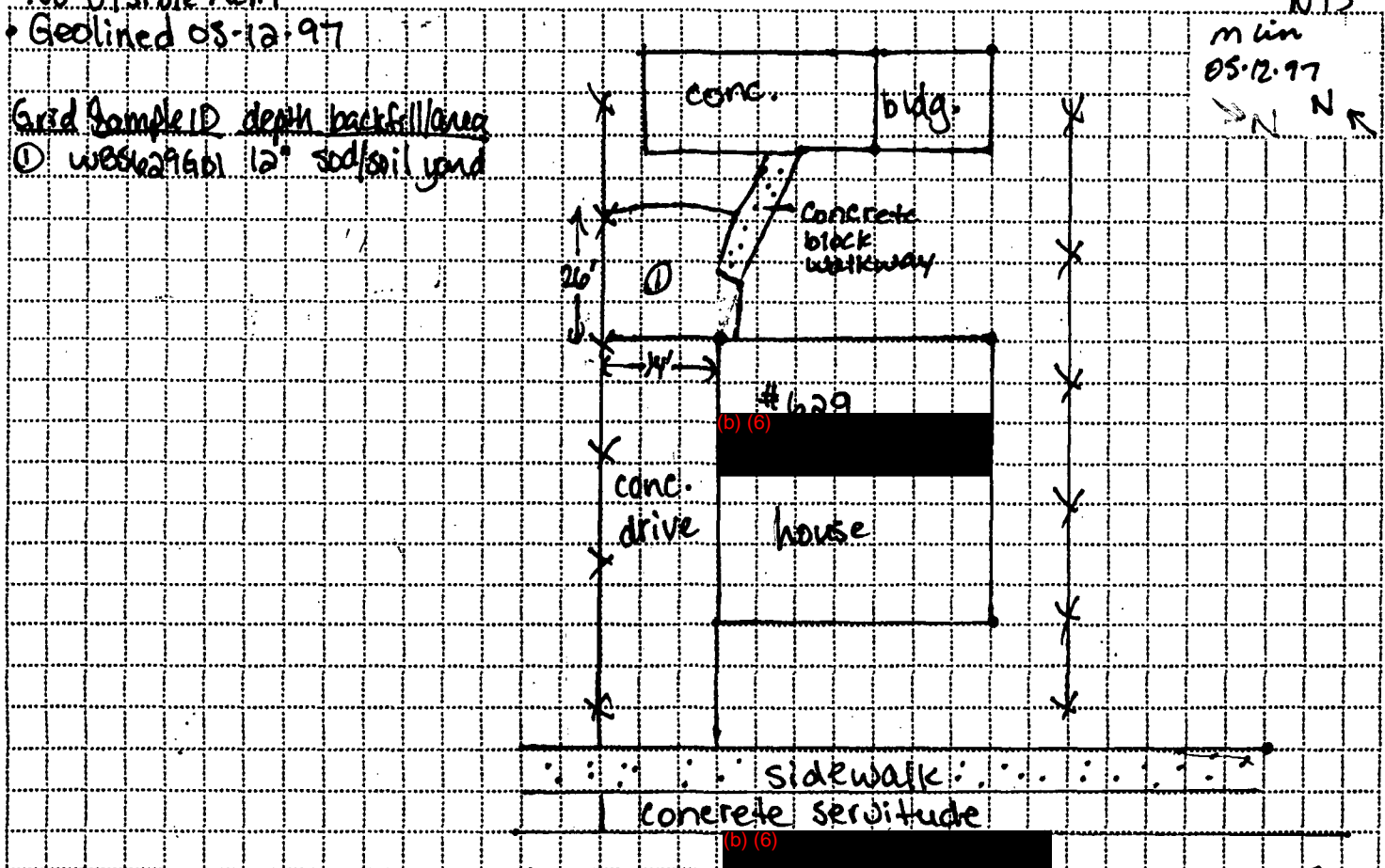
GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: ☒

B. FURTHER ACTION NECESSARY: ☐

• No visible ACM
• Geolined 05-12-97

Grid Sample ID depth backfill/area
① west 29601 12" sod/soil yard



05564

AUTHORIZED EPA/START REPRESENTATIVE

[Signature]

06-0629-560

Westmont, NJ	Placemore, NJ	Carle Place, NY	Hackensack, NY	Seattle, WA	Ann Arbor, MI	San Mateo, CA	Smyrna, GA	Greensboro, NC	Baton Rouge, TX
908-458-0300	908-251-8550	516-987-7251	212-390-0082	206-233-8007	313-963-4210	415-870-5401	404-333-0000	910-337-1487	713-686-9435

EMSL

Ecology & Environment, Inc.
11550 Newcastle Ave. #250
Baton Rouge, LA 70816

Friday, May 16, 1997

Ref Number: TX971749

POLARIZED LIGHT MICROSCOPY (PLM)**Project: 020601RAG1 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS175G30	(b) (6)	Brown Fibrous Homogeneous	Teased	3%	Chrysotile		97% Other
WBS175G31		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS175G32		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS175G33		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile < 1% Amosite		100% Other
WBS629G01		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS337G01		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.


Carlos D. Salinas
Analyst

Approved
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

2

06-0629-570

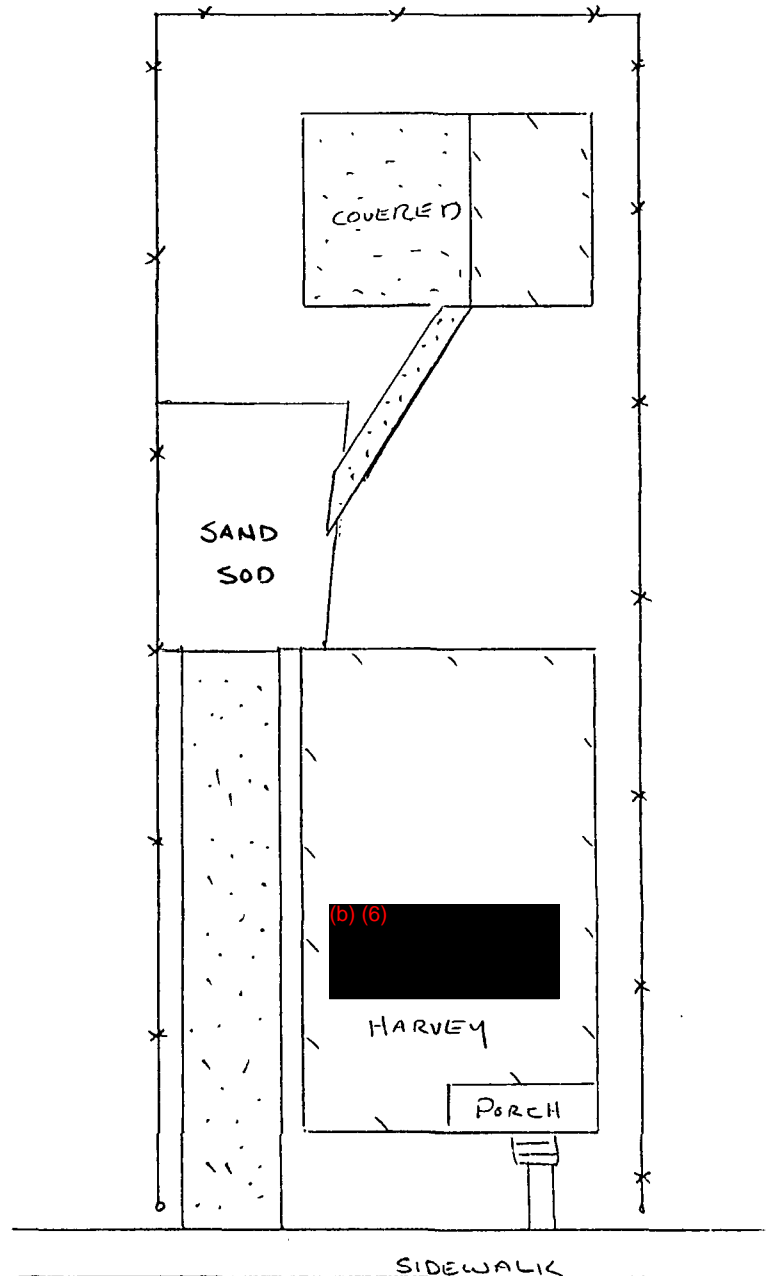
005585



INTERNATIONAL
TECHNOLOGY
CORPORATION



By PM Date 5-14-97 Subject RESTORATION SITE # 629 Sheet No. of
Chkd. By Date Proj. No.



005566

06-0629-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORM

SITE # 629

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					44.00		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					44.00		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					17.00		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							

Site Sketch on Back of Page

COMMENTS: _____

IT REPRESENTATIVE SIGNATURE _____

SUB 1 SIGNATURE _____

SUB 2 SIGNATURE _____

06-0629-590

005567

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:

8/20/98

ADDRESS:

(b) (6)

SITE #:

629

Harvey

ACM LOCATED BENEATH:

<input type="checkbox"/>	HOUSE
<input type="checkbox"/>	SHED

APPR. CRAWL SPACE HEIGHT:

DESCRIPTION OF ACM:

<input type="checkbox"/>	CHUNKS
<input type="checkbox"/>	POWDER
<input type="checkbox"/>	SLAB

PERCENT OF AREA (ACM)

SKETCH OR COMMENTS:

<u>No ACM</u>	_____

TEAM MEMBERS:

MIL / ASB

005568

06-0629-540